



Revision number: 1

Purchasing Agent: David Gill

Phone: (801) 538-3254

Email: dgill@utah.gov**Item: REFLECTIVE SIGN SHEETING**

Vendor: 10981I G 3M COMPANY
P.O. BOX 269F
ST. LOUIS, MO 63150-0269

Ordering Address: 3M CENTER BLDG. 225-5S-08
P.O. BOX 33225
ST. PAUL, MN 55133-3225

Internet Homepage: www.3M.com/US/Safety/TCM

Contact: Dennis J. Johnson
Telephone: (651) 575-5530
Telephone for **order entry**: (800) 553-1380 ext. 1
Fax number: (888) 246-9793
E-mail: djohnson1@mmm.com

Sales Contact Justin O'Connor
Telephone: (801) 619-8073
Cell Phone: (801) 879-7766
Fax number: (801) 553-9314
Email: joconnor@mmm.com

Usage Reports Contact: Mary Ann Roscoe
Email address: tbidgroup@mmm.com
Reporting Type: Line-item

Brand/trade name: 3M

Price: Items on the 2006 MCS Order Form below are offered at no charge. For products on catalog pages 81–108 (2006 3M Traffic Safety Systems Division Price Catalog) that have multiple price columns, use **Level D**. For discounted items use the net prices on pages 1, 2, 4, 7, 12, 13, 17, 102, and 103. The 4950 VHB Tape price sheet is shown below. A **catalog** is attached to the “Full Contract” section. Or a catalog may be requested from 3M’s Dennis Johnson.

Terms: NET 30
Effective dates: 07/05/2006—07/05/2009
Potential renewal options remaining: Two 1-year options to 07/05/2011
Days required for delivery: 18 WORKING DAYS
Price guarantee period: 1 YEAR
Freight: Included in net discounted prices
Minimum order: No
Other conditions: Two (2) technical service visits per year are offered to UDOT at no charge

**Revision #1: Series 7125 with paper liner added**

BID NO. GLSS6060

This contract covers only those items listed in the 3M price catalog. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor creating a DO in Finet. Agencies will return to the vendor any invoice which reflects incorrect pricing.

FINET COMMODITY CODE(S): For agency use only

80149000000 - REFLECTIVE SIGN MATERIAL
80150000000 - SIGN MATERIAL, REFLECTIVE (DIE CUT)
80154000000 - SIGN PAINTING SUPPLIES (INCLUDING BRUSHES AND INKS)
55045220484 - BARRICADE SHEETING 386 L - 6"
55045220485 - BARRICADE SHEETING 386 R - 6"
80120231297 - SCOTCHCAL LTR/NUM 1.5" C
80120240769 - SCOTCHCAL LTR/NUM 2" C
80120242468 - SCOTCHCAL LTR/NUM 4" C
80120244068 - SCOTCHCAL LTR/NUM 6" C
80120245768 - SCOTCHCAL LTR/NUM 8" B-C-D
80120248309 - SCOTCHCAL LTR/NUM 10" C-D
80120250497 - SCOTCHCAL LTR/NUM 2" C
80120250498 - SCOTCHCAL LTR/NUM 4" C
80120250500 - SCOTCHLITE LETTER 12" CAP
80120250501 - SCOTCHCAL LTR/NUM 6" CDE
80148720305 - SCOTCHCAL 3/8"
80148720602 - SCOTCHCAL 3/4"
80148720750 - SCOTCHCAL 1.25"
80148720800 - SCOTCHCAL 10"
80148721808 - SCOTCHCAL 18"
80148722400 - SCOTCHCAL 24"
80148722807 - SCOTCHCAL 30"
80148723101 - SCOTCHCAL 36"
80149000232 - PANEL, LDS-W346, WHITE 6"
80149000241 - PANEL, LDS-FY346, WHITE 6"
80149000480 - SCOTCHLITE DIAMOND GRADE #3990
80149000493 - SCOTCHLITE HI INT 12" THRU 48"
80149760250 - SCOTCHLITE HI INT 3/4"
80149760409 - SCOTCHLITE HI INT 9"
80149760491 - SCOTCHLITE E/G 12" THRU 48"
80149760492 - SCOTCHLITE HI INT 2"
80149771655 - SCOTCHLITE YELLOW/GRN # 3983
80149790901 - SCOTCHLITE #6800 18" THRU 36"
80150297606 - SCOTCHLITE HI INT 1/2"
80150297705 - SCOTCHLITE HI INT 1"
83274000001 - TAPE, DBL STICK, 1" #4950 VHB

REVISION HISTORY

Revision #1: Series 7125 with paper liner added



July 1, 2006

PRICE SHEET

3MTM VHBTM Tape #4950 White

A high bond double coated acrylic foam tape used for the attachment of aluminum sign panels to mounting hardware without the aid of other fasteners.

1" x 36 Yards 9 Rolls/Case \$44.12 per Roll

July 1, 2006

PRICE SHEET

3M™ Reflective Vinyl Roll Up Sign Sheeting #RS34 Fluorescent Orange

8" x 50 Yards	\$257.00/Roll
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48" x 48"	\$82.24/Sheet
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September 22,
/ July 1, 2006

PRICE SHEET

State of Utah

3M[™] SCOTCHCAL ElectroCut Graphic Film Series 7125 with
paper liner

Colors Available:

7125-10 White
7125-12 Black
7125-20 Matt White
7125-114 Transparent

Roll Sizes	Price per roll
36" x 50 yds	\$247.91
48" x 50 yds	\$330.54

3M[™] Commercial Graphics

3M 2006 Matched Component System Order Form

Form 39404 - D - PWD

3M Traffic Safety Systems Division
3M Center, Building 225-5S-08
St. Paul, MN 55144-1000

Please print, have customer fill out, then fax to Customer Service (1-800-591-9293)

700 Series		\$ Gallons
705	Black (Opaque)	
707	Toner	
708	Green	
710	Blue	
711	Thinner	
712	Traffic Sign Red	
714	Yellow	
716	Construction Orange	
717	Brown	

990 Series for 3290		\$ Gallons
990-03	Blue	
990-04	Yellow	
990-05	Black (Opaque)	
990-06	Orange	
990-07	Brown	
990-08	Green	
990-12	Traffic Sign Red	
991	Thinner	
T11A	Thinner	

Slip Shtg.	SCW568 For packaging of finished signs made of "3M™ "Diamond Grade" & High Intensity Grade Sheeting Only.
	150 yds
24" Rolls	NC
30" Rolls	NC
36" Rolls	NC
48" Rolls	NC

880I Series		\$ Gallons
882I	Traffic Sign Red	
883I	Blue	
884I	Yellow	
885I	Black (Opaque)	
886I	Orange	
887I	Brown	
888I	Green	
891I	Thinner	
892I	Flow Additive	

1800 Series		\$ Gallons
1805	Black	
CGS-50	Thinner	
CGS-80	Thinner	

800-00 Series		\$ Gallons
880-03	Blue	
880-04	Yellow	
880-05	Black	
880-06	Orange	
880-08	Green	
880-12	Stop Sign Red	

Note: See TSS Price Catalog for all other premix colors or special formulas. Contact TSS Customer Service for more information at 1-800-553-1380.

By my signature (below) I accept that these items are provided to me free of charge for purposes of application to use with 3M™ Reflective Sheatings only. They may not be used with other sheetings and may not be resold.

Company/Agency Name: _____ Date: _____

Address: _____

Telephone: _____

Authorized Customer (Please Print): _____

Signature: _____



Traffic Safety Systems Division

envision
innovative solutions
to drive your success



2006 Price Catalog

For general inquiries, location of authorized dealers, and ordering information, contact:

Customer Service

Phone: 800-553-1380, prompt 1
Fax: 800-591-9293

Mailing Address:
3M Center, Bldg. 0225-05-S-08
P.O. Box 33225
St. Paul, MN 55144-1000
Website: www.3m.com/tss

Bid and Quote Department

Phone: 800-553-1380, prompt 2
Fax: 888-246-9793
email: tbidgroup@mmm.com

ITS Customer Service

Phone: 800-553-1380, prompt 6
Fax: 800-224-2085

Square Footage Table

Roll Size	Square Feet Per Roll
24" x 10 yards	60
1" x 50 yards	12.5
2" x 50 yards	25
3" x 50 yards	37.5
4" x 50 yards	50
5" x 50 yards	62.5
6" x 50 yards	75
7" x 50 yards	87.5
7-3/4" x 50 yards	96.875
8" x 50 yards	100
9" x 50 yards	112.5
10" x 50 yards	125
11" x 50 yards	137.5
11-3/4" x 50 yards	146.875
12" x 50 yards	150
12-1/4" x 50 yards	153.125
12-3/4" x 50 yards	159.375
18" x 50 yards	225
24" x 50 yards	300
30" x 50 yards	375
36" x 50 yards	450
42" x 50 yards	525
48" x 50 yards	600

3M Traffic Safety Systems Division

Terms and Conditions

Service Policies

Discount Schedule

All prices are at net prices.
No discounts apply.

Minimum Order

Minimum order volume is \$1,000 and is for materials only. A \$75 shipping and handling fee will be charged to orders placed under the minimum. For orders requiring multiple shipments each shipment must meet the \$1,000 minimum. Line item and order special charges, premium routing charges, tax, etc., are not included in the order total for establishing minimum order dollar volume.

Transportation Charges and Shipping

Prices are F.O.B. Point of Shipment with transportation charges billed on invoice to destinations within the United States.

Contact your 3M Customer Service Representative with questions regarding cost and ability to ship via premium routing.

All shipments are made directly to the ordering customer or a branch location owned by the ordering customer. Drop shipments are not allowed.

Price Change and Verbal Quotations

1. Notification

Prices in this catalog may change without notification at any time.

2. Verbal Quotations

Verbal quotes are good for products ordered within 30 days of the quote and the order must be for immediate shipment.

3. Customer Contractual Commitments for Reflective Sheetings

Protection against price increases is available to cover 3M customers who enter into long term contracts with government agencies that do not contain a price escalation clause. To request price protection for such contracts contact the Bid and Quote Department prior to committing to the contract. Protection is within the sole discretion of 3M management and must be in writing to be enforceable. Protection against price increases is available for the contract period not to exceed two years. After two years price will revert to the then current price.

4. Price protection requirements should be directed to 3M's Bid and Quote Department.

Bid and Quote Department
3M Traffic Safety Systems Division
3M Center, Bldg. 225-5S-08
P.O. Box 33225
St. Paul, MN 55133-3225
Fax: 888-246-9793
email: tbidgroup@mmm.com

Tax

State and local Sales and Use Tax or similar taxes imposed by law will be added to the invoice unless a waiver, exemption or permit has been granted, and notice filed with 3M (3M Center, St. Paul, Minnesota 55144) and permit number shown on the order.

Invoice Payment Policy

Each month, a late fee is charged on all account receivables that are past due. The late fee is charged each month until the delinquent balance is brought current. Payment for late fee is due upon receipt of the debit memo. Questions about 3M's late fee policy can be referred to the 3M Credit Department, 800-553-1380, prompt 5.

Terms

Standard catalog terms are net 30.

Returned Goods Policy

3M Customer Service must authorize all returns.

Damaged Goods and Lost or Short Shipments

It is the responsibility of the customer to report, within 10 days of receipt, to the carrier, any damaged, lost or short shipments. The customer then notifies 3M Customer Service for a replacement shipment and entry of a claim against the shipper.

For assistance, contact your 3M Customer Service Representative.

Request to Return Merchandise

For merchandise returns, the following policies and procedures apply:

- Contact your 3M Customer Service Representative for authorization to return material meeting the requirements listed below. The return will be

authorized without penalty provided the customer's request for authorization to return merchandise, is received by our St. Paul office within 30 days from the date the order was shipped, with transportation charges assessed. If received after 30 days and within 60 days, a 10% handling charge and return transportation charges will be assessed. No returns will be authorized after 60 days.

- Credit adjustments will be issued promptly.
- When handling and transportation charges are assessed by 3M, they will be deducted from the credit adjustment.
- For return of 3M™ Stamark™ Contact Cement or Surface Preparation Adhesive, contact Customer Service.
- This return policy does not apply to Intelligent Transportation Systems. See separate policy on page III.

When a customer requests merchandise be returned for credit, the goods must meet the following requirements:

- The merchandise must be of standard classification with no words or symbols which would render it unique to a given customer, state or region.
- Only full rolls and/or full cartons are acceptable.
- The merchandise must be in salable condition. When salability is questionable, contact your 3M Customer Service Representative. ***No Non Standard or Custom Classification material will be accepted for return.***
- Only stock sign faces acceptable for return.

3M is committed to respond promptly to your returned goods request. In the mutual interest of the company and our customers, no exceptions will be allowed.

Visa and MasterCard are accepted.

Product Policies

Reflective Roll Goods

Glossary

Standard: Prepackaged finished goods material that is ready to ship to the customer within 2 business days.

Non-standard: Non-stock material that requires at least one processing step before packaging due to color, size, configuration, etc., typically will ship within 4 business days.

N/A: Not available.

Custom: Material not listed in price catalog due to special color, size, configuration, specifications, etc., contact 3M Bid and Quote Department for assistance.

1. Custom Widths

Standard and Non Standard roll sizes are listed in the 2006 price catalog. Custom width size rolls are available from 1 inch up to the maximum roll width of a given material. To price custom width rolls between 1 inch and maximum available roll width of a given material, calculate square foot price listed and add \$75 slitting fee for each custom width ordered. Full web purchase (48 inch) available to slit at no additional cost.

For prices of custom width rolls under 1 inch, contact the Bid and Quote Department for pricing.

Note: Certain items are subject to minimum widths as specified on individual pages.

2. Custom Lengths

Custom length rolls (minimum 10 yds.) may be available by special quotation only. Standard quoted prices for a given lineal footage of material are relative to purchase of standard roll lengths only. Customers should contact the 3M Bid and Quote Department for a quotation.

3M Reflective Sheeting is available in 100 yard rolls at double the price of the corresponding 50 yard roll price. Roll lengths are limited by weight and packaging constraints. Other roll lengths may be available on special quotation bases. Contact the Bid and Quote Department for assistance.

Cut Sheets

(Not Applicable for SCW Liner Paper)

3M Reflective Sheeting custom cut sheets are available at the same price per square foot as roll goods as long as the following criteria are met:

1. Must have a 600 sq. ft. minimum order of identical sheets.
2. Sheets must be rectangular or square in shape and of the following dimensions:

Dimensions

Width	Length
6"	Any Length 6" through 96"
12"	"
18"	"
24"	"
30"	"
36"	"
48"	"

All custom cut sheet orders that do not meet these criteria will be priced on a special quotation basis. Contact the 3M Bid and Quote Department for assistance

Roll and Sheet Size Tolerance

The tolerance policy below is for standard products as listed in the 2006 Price Catalog.

1. Roll Width Tolerance

Minimum roll widths available:

Diamond Grade sheeting	- 1/2"
High Intensity Grade sheeting	- 1/2"
Engineer Grade and other	- 1/4"

enclosed lens reflective sheetings

a. 3M Reflective Sheeting

Roll Width Ordered From	To, but not Including	Combined Overage and Tolerance
1/4"	6"	+ 0" to + 1/16"
6"	12"	+ 0" to + 5/32"
12"	24"	+ 1/16" to + 9/32"
24"	36"	+ 3/16" to + 13/32"
36"	48"	+ 5/16" to + 17/32"
48"	—	+ 7/16" to + 9/16"

b. Stamark™ Pavement Marking Tapes

Roll Width Ordered	Combined Overage and Tolerance
All Widths (min. roll width available is 4")	- 0" to + 1/8"

Widths below 4" require a special quote. Call the Bid and Quote Department for assistance.

2. Roll Length Tolerance

All 3M Reflective Sheeting and Stamark™ rolls will not be less than the standard length.

3. Sheet Width Tolerance

a. For 3M Reflective Sheeting

Sheet Length Ordered From	To, but not including	Combined Overage and Tolerance
0"	24"	+ 1/32" to + 3/32"
24"	36"	+ 1/16" to + 1/8"
36"	48"	+ 3/32" to + 5/32"
48"	54"	+ 1/8" to + 3/16"
54"	Over	+ 7/16" to + 9/16"

Size Ordered	Combined Overage and Tolerance
All dimensions up to 96	- 0" to + 1/16"

4. Special Tolerance

3M Reflective Sheetings are available without the normal overage which is included in our standard material tolerances shown above. The terms "Exact Width" (reflective) or "Minus Zero" (non-reflective) indicate that 3M will supply the material ordered as follows:

+0" to +1/16"

Rolls and sheets ordered using "Exact Width" tolerance will be available on a special quotation basis only. Contact the 3M Bid and Quote Department for assistance.

Roll and Sheet Liner Scoring Policy

The liners of all rolls and sheets of materials sold by 3M Traffic Safety Systems Division are supplied unscored, unless otherwise specified.

For technical and production reasons scoring is only available on 3M™ Engineer Grade Reflective Sheeting Series 3200 .

Scoring Series 3200 Sheeting is available on a special quotation basis. Contact the Bid and Quote Department for assistance.

Additional Terms and Conditions for Intelligent Transportation Systems

Post-Dated Orders

Post-dated orders are subject to prices in effect at time of release unless identified as to the agency and project where a contractual obligation for future delivery has been incurred and such orders are released within six (6) months of bid opening date.

Terms

Terms of sale are net 30 days and apply from date of invoice, contingent on credit approval and acceptance. All orders are final and not subject to change or cancellation unless identified as tentative and contingent on confirmation.

Shipment

Every effort will be made to ship each order within 60 days of receipt. Orders may be partially shipped and back-ordered unless a request to the contrary is included on the order. Promise dates are tentative subject to confirmation by valid quotation. For ITS products only, drop shipment is allowed.

Claims

The shipment must be inspected prior to acceptance and claims for the loss or damage filed by the consignee with the carrier within fifteen days of delivery in accordance with current I.C.C. regulations. Any claims of shortage must be based on complete inspection of the shipment and accompanying papers, and reported to ITS Customer Service within 30 days of receipt.

Resale

Where resale is made, 3M as manufacturer assumes no responsibility for determining requirements of end purchaser including, but not limited to, color, configuration, quantities, accessories, installation or use. 3M disclaims obligation of any purchaser including that of delivery.

Specifications

Where conformance to a state or other agency's specifications, or special provisions is a condition of acceptance of our shipment, the purchase order must so indicate with reference to the agency and requirements concerned.

Returned Goods Policy

3M Customer Service must authorize all returns.

For merchandise returns, the following policies and procedures apply:

- Contact your 3M Customer Service Representative for authorization to return material meeting the requirements listed below. The return will be authorized without penalty provided

the customer's request for authorization to return merchandise, is received by our St. Paul office within 30 days from the date the order was shipped, with transportation charges assessed. If received after 30 days and within 90 days, a 15% handling charge and return transportation charges will be assessed. No returns will be authorized after 90 days.

- Credit adjustments will be issued promptly.
- Custom traffic sensor assembly sales are final. Returns cannot be accepted.
- It is the responsibility of the user to ensure that the standard configurations meet the geometry and measurements of the installation site.

Special Process Color Formula Request
FAX to 1-800-591-9293

Billing Address (Required)

Agency Name _____

Address _____

City/State/Zip _____

PO Number (Required) _____

Contact Name (Required) _____

Contact Phone (Required) _____ Contact Fax (Required) _____

Cost Per Match \$250/Each

Match 1	Match 2	Match 3
Pantone C#: _____	Pantone C#: _____	Pantone C#: _____
Ink Series (circle one) 700 880 990 2900	Ink Series (circle one) 700 880 990 2900	Ink Series (circle one) 700 880 990 2900
Substrate Series (circle one) 3290 3820/3870 3930/3990 680CR	Substrate Series (circle one) 3290 3820/3870 3930/3990 680CR	Substrate Series (circle one) 3290 3820/3870 3930/3990 680CR
Other _____ (sample must be mailed)	Other _____ (sample must be mailed)	Other _____ (sample must be mailed)
Screen Mesh: (157 mesh if not otherwise specified) 157 195 230	Screen Mesh: (157 mesh if not otherwise specified) 157 195 230	Screen Mesh: (157 mesh if not otherwise specified) 157 195 230

Notice: Formula is approximate and may need adjustment. 3M suggests making a small test batch to verify color acceptability. Pantone C is an opaque reference. 3M Inks are engineered to be transparent in order to have the proper amount of reflective sheeting reflect through the ink. A perfect color match to Pantone chips may not be possible because of reflectivity. Formula is based on daylight conditions. Colors will appear similar but lighter & brighter under retroreflection at night. Formulas requiring 75% or more clear are not recommended because nighttime reflected colors may disappear or fade out at night and durability may also be decreased.

3M Use Only

ICF# assigned _____ Charge _____ % _____ _____ % _____ _____ % _____ _____ % _____	ICF# assigned _____ Charge _____ % _____ _____ % _____ _____ % _____ _____ % _____	ICF# assigned _____ Charge _____ % _____ _____ % _____ _____ % _____ _____ % _____
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Special Instructions: _____

Date Received: _____ Color Match Tech: _____
3M Invoice: _____ (Provided by 3M Customer Service)

For warranty information on Special Process Color Formulations contact 3M Customer Service at 1-800-553-1380.



Traffic Safety Systems Division

3M Center, Building 225-5S-08
P.O. Box 33225
St. Paul, MN 55133-3225
1-800-553-1380

3M™ Matched Component System™ (MCS™)

The 3M™ MCS™ assures your investment in signing materials. When you specify 3M sheeting and components, you have chosen the highest quality materials and performance that are backed by the finest warranties in the transportation safety industry. This guarantees that your signs will remain effective for their intended use and meet minimum values for retroreflection for the specified warranty period.

The use of any non-3M MCS materials in conjunction with 3M products will void all warranties.

The following 3M products are available to 3M customers on the Matched Component System:

Series 700 Process Color (standard colors only)

Series 880 Process Color (standard colors only)

Series 990 Process Color (standard colors only)

SCW-568 Slip Sheeting (for packaging of finished signs)

Series 1150 Protective Overlay Film

Series 1160 Premium Protective Overlay Film

Series 1170 Electronic Cuttable Film

3M™ Scotchcal™ Non-Reflective Films

3M™ Reflective Sheeting for Match Component Usage Guidelines

Series 3290/71, 3870/71, 3824, 3924, 3930/31, 3954, 3981, 3990/91 and CW80/84

Process Color and Slip Sheet Usage Guideline

Sq. Ft. Purchased	SCW-Series Sq. Ft.	150 yd. Rolls	Transparent Inks	and/or	Black
White, Yellow or Orange					
1,200 - 1,799	1,800	1	1 gal.	—	N/A
1,800 - 2,399	2,400	1	2 gal.	—	N/A
2,400 - 4,799	4,800	2	4 gal.	or	1 gal.
4,800 - 7,199	7,200	4	6 gal.	or	2 gal.
7,200 - 9,599	9,600	5	8 gal.	or	2 gal.
9,600 - 11,999	12,000	6	10 gal.	or	3 gal.
12,000 - 14,399	14,400	8	12 gal.	or	3 gal.
14,400 - 16,799	16,800	8	13 gal.	or	4 gal.
16,800 - 19,199	19,200	10	15 gal.	or	4 gal.
19,200 - 21,599	21,600	12	17 gal.	or	5 gal.
21,600 - 23,999	24,000	12	19 gal.	or	5 gal.
24,000 - +	24,000 +	12 +	adjust	or	adjust

Matched Component System

3M™ Process Color

Series 700

Durable, colorfast, transparent screen processing colors for use in the production of traffic control signs using 3M™ Engineer Grade Reflective Sheeting as a base.

Code	Color	Container	Net Price Per Gallon
701	Red	Gallon	\$ 198.00
705	Black (opaque)	Gallon	182.22
706	Orange	Gallon	265.00
707	Toner	Gallon	85.50
708	Green	Gallon	200.69
709	Gold	Gallon	265.50
710	Blue	Gallon	200.69
711	Thinner	Gallon	40.76
712	Traffic Sign Red	Gallon	200.69
713	Rustic Brown	Gallon	265.50
714	Warning Yellow	Gallon	200.69
715	Interstate Blue	Gallon	200.69
716	Construction Orange	Gallon	265.50
717	Brown	Gallon	265.50
722	Lemon Yellow	Gallon	265.50
723	Magenta	Gallon	314.16

Series 880I

Durable, colorfast, rapid dry, transparent screen processing colors for use in the production of traffic control signs using 3M™ High Intensity Grade and Diamond Grade™ Reflective Sheeting as a base.

Code	Color	Container	Net Price Per Gallon
880I	Toner	Gallon	\$ 85.50
882I / 880-12	Traffic Sign Red	Gallon	198.00
883I / 880-03	Blue	Gallon	198.00
884I / 880-04	Yellow	Gallon	265.50
885I / 880-05	Black (opaque)	Gallon	99.00
886I / 880-06	Orange	Gallon	265.50
887I	Brown	Gallon	265.50
888I / 880-08	Green	Gallon	198.00
891I	Thinner	Gallon	53.78
892I	Flow Additive	Gallon	45.00
893I	Violet	Gallon	265.50
894I	Lemon Yellow	Gallon	265.50
895I	Magenta	Gallon	286.07

3M™ Process Color

Series 880I Clear / Toner

Series 880I process color in clear is available as an edge sealer for 3M™ Diamond Grade™ Conspicuity sheeting Series 983 and 3M™ High Intensity Grade Reflective Sheeting.

NOTE: Series 983 sheeting may collect dirt on the outside cut cells, which may be objectionable to customers. Series 880I clear/edge sealer will solve this condition. Applications of 3M reflective sheeting on railroad locomotives and tenders must be protected on the edges by chemical edge sealing or “painting-in” the markings.

Series 880I clear/edge sealer is best applied in temperatures of 60°F (15°C) or above using a 1/2"-1" foam brush which gives a smooth coating.

Contact 3M Customer Service with questions.

Unit	Net Price Per Gallon
880I Toner	\$ 85.50

3M™ Process Color

Series 990

Durable, colorfast, quick-dry, transparent screen processing colors for application to 3M™ Engineer Grade Reflective Sheeting Series 3200 and 5200. Does not require clear coat.

Code	Color	Container	Net Price Per Gallon
990-00	Toner	Gallon	\$ 85.50
990-03	Blue	Gallon	198.00
990-04	Yellow (Warning)	Gallon	265.50
990-05	Black (Opaque)	Gallon	99.00
990-06	Orange	Gallon	265.50
990-07	Brown	Gallon	265.50
990-08	Green	Gallon	198.00
990-10	Dark Blue	Gallon	198.00
990-12	Traffic Sign Red	Gallon	198.00
990-13	Violet	Gallon	265.50
990-14	Lemon Yellow	Gallon	265.50
990-15	Magenta	Gallon	265.00
991	Thinner	Gallon	65.36
T11 A	Thinner	Gallon	65.36

Slip Sheeting

Sign Installation Washers

Packaging	Net Price
100 Per Package	\$ 7.11
1000 Per Package	69.60

Copy Installation Washers

Packaging	Net Price
100 Per Package	\$ 12.51

SCW568

For packaging of finished signs made of 3M™ Diamond Grade™ and High Intensity Grade Reflective Sheeting only.

\$.12/sq. ft.

Size	Net Price Per Roll
24" x 150 yds.	\$ 108.00
30" x 150 yds.	135.00
36" x 150 yds.	162.00
48" x 150 yds.	216.00

Size	Net Price Per Sheet
24in x 24in (500 minimum)	\$.48
30in x 30in (500 minimum)	.75
36in x 36in (500 minimum)	1.08
48in x 48in (600 sq. ft. minimum)	1.92

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3M™ Diamond Grade™ Fluorescent VIP Reflective Sheeting

3983 Fluorescent Yellow Green

Fluorescent yellow green microprismatic reflective sheeting with pressure sensitive adhesive backing. Highly visible in daytime, twilight, and inclement weather as well as at night. Performs at wide entrance and observation angles.



Additional Information:

- Fluorescent yellow green color approved in U.S. for signs warning of the presence of non-motorized traffic - school zone, pedestrian and bicycle crossing signs
- Highly visible in the viewing range from 200 to 600 feet
- Ideal for signs that must be seen at relatively short viewing distances
- Covered by 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3983 for full details

Rolls		\$5.10/sq.ft.
Size	3983 VIP Fluorescent Yellow Green	Net Price Per Roll
12" x 50 yds.	NS	\$ 765.00
18" x 50 yds.	NS	\$ 1,147.50
24" x 50 yds.	S	\$ 1,530.00
30" x 50 yds.	S	\$ 1,912.50
36" x 50 yds.	S	\$ 2,295.00
48" x 50 yds.	S	\$ 3,060.00

3M™ Diamond Grade™ Fluorescent VIP Reflective Sheeting

3981 Fluorescent Yellow

Fluorescent yellow microprismatic reflective sheeting with pressure sensitive adhesive backing. Highly visible in daytime, twilight, and inclement weather as well as at night. Performs at wide entrance and observation angles.

Additional Information:

- Fluorescent yellow meets all of the color specifications for yellow traffic control signs and devices
- Highly visible in the viewing range from 200 to 600 feet
- Ideal for signs that must be seen at relatively short viewing distances
- Covered by 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3981 for full details

		\$5.10/sq.ft.
Roll Size	3981 VIP Fluorescent Yellow	Net Price Per Roll
18" x 50 yds.	NS	\$1,147.50
24" x 50 yds.	S	\$1,530.00
30" x 50 yds.	S	\$1,912.50
36" x 50 yds.	S	\$2,295.00
48" x 50 yds.	S	\$3,060.00

S = Standard
NS = Non Standard

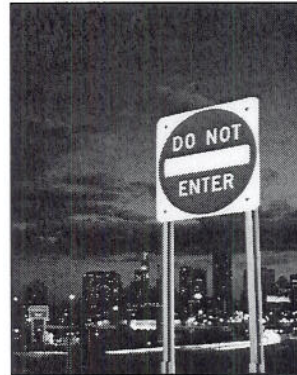
Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
Material that requires at least one processing step before packaging due to size,color,configuration,etc.
typically shipped 3-5 business days.

3M™ Diamond Grade™ VIP Reflective Sheeting Series 3990

Highly reflective, durable, microprismatic lens sheeting with pressure sensitive adhesive for application to aluminum, using a hand or Interstate squeeze roller applicator. Signs are highly visible, even in visually complex nighttime roadway environments. Exceeds ASTM D 4956 Spec Type XI standards.

Additional Information:

- Microprismatic lens optics have higher sign brightness than sheeting made with glass bead optical elements
- Highly visible in viewing range of 200 to 600 feet
- Ideal for signs in locations with relatively short viewing distances
- Carries 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3990 for full details



Colors:

\$4.42/sq.ft.

Size	3990 White	3991 Yellow	3992 Red	3995 Blue	3997 Green	Net Price Per Roll
3/4" x 50 yds.	NS	C	C	C	C	\$41.44
1" x 50 yds.	NS	C	C	C	C	\$55.25
2" x 50 yds.	NS	C	C	C	C	\$110.50
6" x 50 yds.	S	NS	NS	NS	NS	\$331.50
9" x 50 yds.	S	NS	NS	NS	NS	\$497.25
12" x 50 yds.	S	NS	NS	NS	NS	\$663.00
12-3/4" x 50 yds.	NS	NS	NS	NS	NS	\$704.44
18" x 50 yds.	S	NS	NS	NS	NS	\$994.50
24" x 50 yds.	S	S	NS	NS	NS	\$1,326.00
30" x 50 yds.	S	S	NS	NS	NS	\$1,657.50
36" x 50 yds.	S	S	NS	NS	NS	\$1,989.00
48" x 50 yds.	S	S	NS	NS	NS	\$2,652.00

S = Standard

NS = Non Standard

C=Custom

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

Material that requires at least one processing step before packaging due to size,color, configuration, etc.typically shipped 3-5 business days.

See Glossary in front of this catalog.

3M™ Diamond Grade™ Fluorescent VIP Sheeting

Series 3954

Fluorescent orange wide angle prismatic reflective sheeting designed for use on rigid substrate work zone signs to provide high visual impact under nighttime and daytime driving conditions. Highly visible under nighttime and daytime driving conditions including low visibility periods such as dawn, dusk, and overcast days.



Rolls

\$ 4.25/sq. ft.

Size	3954 Fluorescent Orange	Net Price Per Roll
12" x 50 yds	NS	\$ 637.50
18" x 50 yds	NS	956.25
24" x 50 yds	NS	1,275.00
30" x 50 yds	NS	1,593.75
36" x 50 yds	S	1,912.50
48" x 50 yds	S	2,550.00

3M™ Diamond Grade™ Fluorescent Work Zone Sheeting

3924 Fluorescent Orange

Fluorescent orange microprismatic reflective sheeting with pressure sensitive adhesive for production of high quality work zone signs. Highly visible in daytime, twilight, inclement weather and at night.

Additional Information:

- Highly visible at wide angles to approaching traffic and at long sight distances
- Approved in the U.S. Manual on Uniform Traffic Control Devices for all construction/maintenance work zone signs and devices
- Distinctive seal pattern assists work site inspection
- May be applied to aluminum, medium and high density plywood, and reinforced plastic (FRP) substrates
- Covered by 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3924 for full details.

Rolls

\$ 4.35/sq. ft.

Size	3924 Fluorescent Orange	Net Price Per Roll
12" x 50 yds.	NS	\$ 652.50
24" x 50 yds.	S	1,305.00
30" x 50 yds.	S	1,631.25
36" x 50 yds.	S	1,957.50
48" x 50 yds.	S	2,610.00

S = Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

NS = Non Standard

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M Diamond Grade™ Fluorescent Work Zone Sheeting

3924S Fluorescent Orange

Fluorescent orange microprismatic reflective sheeting with pressure sensitive adhesive for production of high quality work zone signs. Highly visible in daytime, twilight, inclement weather and at night.

Additional Information:

- Highly visible at wide angles to approaching traffic and at long sight distances
- Approved in the U.S. Manual on Uniform Traffic Control Devices for all construction/maintenance work zone signs and devices
- Distinctive seal pattern assists work site inspection
- May be applied to aluminum, medium and high density plywood, and reinforced plastic (FRP) substrates
- Covered by 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3924 for full details.

Rolls		\$3.25/sq.ft.
3924S		Net Price
Size	Fluorescent Orange	Per Roll
12" x 50 yds.	NS	\$487.50
24" x 50 yds.	S	\$975.00
30" x 50 yds.	S	\$1,218.75
36" x 50 yds.	S	\$1,462.50
48" x 50 yds.	S	\$1,950.00

3M™ Diamond Grade™ Work Zone Sheeting

Series 3910/3914

Highly reflective, flexible, prismatic lens sheeting with pressure sensitive adhesive for use on reboundable, plastic substrate work zone traffic control devices such as drums.

3910/3914 \$5.70/sq.ft.

Size	3910	3914	Net Price	
	White	Fluorescent Orange	Per Roll	
4" x 50 yds	NS	NS	\$	285.00
6" x 50 yds	NS	NS	\$	427.50



S = Standard
NS = Non Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
Material that requires at least one processing step before packaging due to size,color,configuration,etc.
typically shipped 3-5 business days.

3M™ Diamond Grade™ Barricade Sheeting

Series DG6

3M™ Diamond Grade™ highly reflective, wide-angle, impact-resistant, microprismatic sheeting with pressure sensitive adhesive, pre-stripped for use on work zone traffic control barricades.

Additional Information:

- May be used on aluminum or wood substrates
- Available pre-stripped in orange and white (OW)
- Withstands the rigors of work zone environments, such as impacts, scratching and gouging, as well as rough handling during transport and storage
- Performs well in difficult weather conditions and resists corrosion from salt spray, acid rain, and automobile exhaust.
- Highly visible at night, even at wide angles to approaching traffic
- Covered by 3M's MCS™ (matched component system) warranty
- See Product Bulletin DG6 for full details.

Barricade Sheeting - Orange & White

\$ 4.74/sq. ft.

Code	DG6-OWL 6" Stripe/Left	DG6-OWR 6" Stripe/Right	Net Price Per Roll
6" x 50 yds.	NS	NS	\$ 355.50
8" x 50 yds	S	S	474.00

3M™ Linear Delineation System (LDS)

Series 344/346

Intended for the linear reflectorization of concrete barriers and metal guardrails. The LDS panels are fabricated from 3M™ Diamond Grade™ Reflective Sheeting, and are laminated onto a thin gauge of aluminum and formed to a unique shape (3M patent pending), which provides retroreflection across a very wide range of entrance and observation angles. The LDS panels are available in a range of colors including fluorescent yellow and fluorescent orange, white and red.



Color	344/346	Size	Net Price Per Carton of 50 Panels*
LDS-R346 Red	S	6"	\$ 425.25
LDS-W346 White	S	6"	425.25
LDS-FY346 Fl. Yellow	S	6"	519.75
LDS-F0346 Fl. Orange	S	6"	519.75
LDS-R344 Red	S	4"	330.75
LDS-W344 White	S	4"	330.75
LDS-FY344 Fl. Yellow	S	4"	425.25
LDS-F0344 Fl. Orange	S	4"	425.25

* 142 in. ft. per carton

Brackets*	Net Price Per Carton of 150
4" and 6"	\$ 90.00

* One LDS panel will require three brackets to affix to a guardrail.

Adhesive**	Net Price Per Carton (12 Tubes)
3M™ Windo-Weld™ Super Fast Urethane (PN 8609)	\$ 72.00

** It is estimated that one carton (12 tubes) of adhesive will be required to mark approximately 120 LDS panels.

S = Standard Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
NS = Non Standard Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M™ High Intensity Grade Reflective Sheeting

Series 3870 With Pressure Sensitive Adhesive

Highly reflective, encapsulated lens sheeting with pressure sensitive adhesive backing for application to standard traffic sign substrates using a hand or Interstate squeeze roller applicator. Meets ASTM D 4956 Spec Type III, Class 1.

Additional Information:

- At least three (3) times brighter than conventional enclosed lens reflective sheeting
- Effective in lighted areas moderately high speed limits and levels of surround light
- Clearly visible at viewing angles of 30 degrees or more
- Effective on signs positioned at wide angles to approaching traffic or misaligned due to impact or age
- Carries 3M's MCS™ (matched component system) warranty
- Extremely cost-effective signing material
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3870 for full details



\$ 2.94/sq. ft.

Size	3870 White	3871 Yellow	3872 Red	3875* Blue	3877* Green	3879 Brown	Net Price Per Roll
3/4" x 50 yds.	S	NS	NS	NS	NS	NS	\$ 27.56
1" x 50 yds.	S	NS	NS	NS	NS	NS	36.75
2" x 50 yds.	S	NS	NS	NS	NS	NS	73.50
6" x 50 yds.	S	NS	NS	NS	S	NS	220.50
9" x 50 yds.	S	NS	NS	NS	S	NS	330.75
12" x 50 yds.	S	NS	NS	NS	NS	NS	441.00
12-3/4" x 50 yds.	NS	NS	NS	NS	NS	NS	468.56
18" x 50 yds.	S	S	NS	NS	S	NS	661.50
24" x 50 yds.	S	S	NS	NS	S	NS	882.00
30" x 50 yds.	S	S	NS	NS	S	NS	1,102.50
36" x 50 yds.	S	S	NS	NS	S	S	1,323.00
42" x 50 yds.	NS	NS	C	C	NS	C	1,543.50
48" x 50 yds.	S	S	NS	S	S	S	1,764.00

* To color match please add 5% upcharge.

S = Standard
NS = Non Standard
C = Custom

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
 Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.
 See Glossary in the front of this catalog.

3M™ High Intensity Grade Prismatic Reflective Sheeting

Series 3930 With Pressure Sensitive Adhesive

Non-metalized micropismatic lens reflective sheeting designed for production of reflective durable traffic control signs, work zone devices and delineators that are exposed vertically in service. Applied to properly prepared sign substrates, 3M high intensity grade prismatic sheeting provides long-term reflectivity and durability, with an improved optical package to increase nighttime safety. Its unique prismatic construction provides a high level of retroreflectivity for multiple traffic control situations. Meets both ASTM D4956 Type III and Type IV specifications. See Product Bulletin 3930 for additional information.

								\$1.238/sq.ft.
Size	3930 White	3931 Yellow	3932 Red	3934 Orange	3935 Blue	3937 Green	3939 Brown	Net Price Per Roll
3/4" x 50 yds.	S	NS	NS	C	NS	NS	NS	11.61
1" x 50 yds.	S	NS	NS	C	NS	NS	NS	15.48
2" x 50 yds.	S	NS	NS	C	NS	NS	NS	30.95
6" x 50 yds.	S	NS	NS	NS	NS	S	NS	92.85
9" x 50 yds.	S	NS	NS	C	NS	S	NS	139.28
12" x 50 yds.	S	NS	NS	C	NS	NS	NS	185.70
12-3/4" x 50 yd	NS	NS	NS	C	NS	NA	NS	197.31
18" x 50 yds.	S	S	NS	C	NS	NA	NS	278.55
24" x 50 yds.	S	S	NS	S	NS	NA	NS	371.40
30" x 50 yds.	S	S	NS	S	NS	NA	NS	464.25
36" x 50 yds.	S	S	NS	S	NS	NA	S	557.10
42" x 50 yds.	NS	NS	C	C	C	NA	C	649.95
48" x 50 yds	S	S	NS	S	S	NA	S	742.80

S = Standard

NS = Non Standard

C = Custom

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

Material that requires at least one processing step before packaging due to size,color,configuration,etc. typically shipped 3-5 business days.

See Glossary in the front of this catalog.

3M™ High Intensity Work Zone Sheeting

3824 With Super High Tack Adhesive

Wide angle, encapsulated lens reflective sheeting with super high tack pressure sensitive adhesive backing for rigid substrate work zone traffic control signs.

Additional Information:

- For application to rigid substrates, such as aluminum, painted steel, wood, and FRP
- Displays a circled workman logo for easy identification
- Clearly visible at viewing angles of 30 degrees or more, so even misaligned signs or signs placed at an angle to approaching drivers can be seen
- Backed by 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 880 process color
- See Product Bulletin 3800 for full details.



\$ 3.58/sq. ft.

Size	3824 Orange	Net Price Per Roll
24" x 50 yds.	S	\$ 1,074.00
30" x 50 yds.	S	1,342.50
36" x 50 yds.	S	1,611.00
48" x 50 yds.	S	2,148.00

S = Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

NS = Non Standard

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

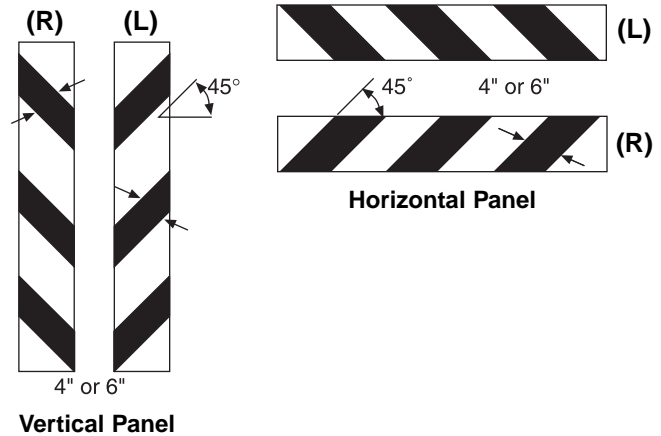
3M™ High Intensity Work Zone Sheeting

Series 314/316

3M™ High Intensity Work Zone Sheeting is a wide-angle, impact-resistant encapsulated lens orange and white pre-stripped barricade sheeting with pressure sensitive adhesive for plastic substrate work zone barricades.

Additional Information:

- For use on aluminum, plastic, painted steel, plywood barricade and semi-flexible plastic barricade substrates
- Flexible construction better absorbs impact to protect the integrity of the adhesive bond
- Displays a circled workman logo for easy identification
- Withstands the rigors of work zone environments, such as impacts, scratching and gouging, as well as rough handling during transport and storage
- Clearly visible at viewing angles of 30 degrees or more, so even misaligned signs or signs placed at an angle to approaching drivers can be seen well in advance
- See Product Bulletin 314/316 for full details



Prestriped Orange & White Barricade High Intensity Sheeting

Barricades with stripes which begin at the upper right side and sloping downward to the lower left side are to be designated as right (R) barricades. Right barricades are placed on the right side of the road and are designed to move traffic to the left. Barricade stripes beginning at the upper left side and sloping downward to the right side are to be designated as left (L) barricades. Left barricades are placed on the left side of the road and are designed to move traffic to the right. Barricade sheeting has alternating 4" or 6" orange and white stripes running diagonally across the sheeting at an angle of 45°.

\$ 3.05/sq. ft.

Size	314L 4" Stripe/Left	314R 4" Stripe/Right	316L 6" Stripe/Left	316R 6" Stripe/Right	Net Price Per Roll
7" x 50 yds	NS	NS	NS	NS	\$ 266.87
8" x 50 yds.	S	S	S	S	305.00
12" x 50 yds.	NS	NS	NS	NS	457.50

S = Standard

NS = Non Standard

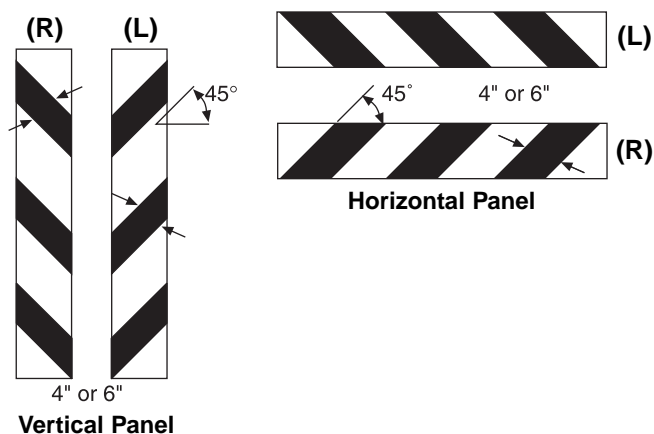
Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M™ High Intensity Prismatic Reflective Barricade Sheeting

Series 334/336 With Pressure Sensitive Adhesive

3M High Intensity Prismatic Sheeting series 334/336 consists of impact resistant prismatic lens reflective sheeting precoated with pressure sensitive adhesive. It withstands the rigors of work zone environments, such as impacts, scratching and gouging, as well as rough handling during transport and storage. Series 334/336 barricade sheeting is prestriped orange and is intended for reflectorizing work zone traffic control barricades. Series 334/336 sheetings are designed for use on aluminum or wood substrates and detailed in Information Folder 1.7. See Product Bulletin 334/336 for additional information.



\$ 2.50/sq. ft.

Size	334L 4" Stripe/Left	334R 4" Stripe/Right	336L 6" Stripe/Left	336R 6" Stripe/Right	Net Price Per Roll
7' x 50 yds	NS	NS	NS	NS	\$ 218.75
8' x 50 yds.	S	S	S	S	250.00
12' x 50 yds.	NS	NS	NS	NS	375.00

S = Standard

NS = Non Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M™ High Intensity Flexible Work Zone Sheeting

Series 3810

Highly reflective, wide angle, encapsulated lens sheeting for use on reboundable, plastic-substrate traffic control devices, such as drums and post and tubes.

Additional Information:

- Designed for plastic and semi-flexible plastic work zone device substrates
- Flexible construction better absorbs impact to protect the integrity of the adhesive bond
- Withstands the rigors of work zone environments, such as impacts, scratching and gouging, as well as rough handling during transport and storage
- Clearly visible at viewing angles of 30 degrees or more, so even misaligned signs or signs placed at an angle to approaching drivers can be seen well in advance
- Covered by 3M's MCS™ (matched component system) warranty
- Screen process with 3M™ series 900 or 705 Black process color
- See Product Bulletin 3810 for full details



\$ 4.74/sq. ft.

Size	3810 White	3814 Orange	Net Price Per Roll
4" x 50 yds.	S	S	\$ 237.00
6" x 50 yds.	S	S	355.50

High Intensity Grade
Rolls and Sheets

S = Standard Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
NS = Non Standard Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M™ Engineer Grade Reflective Sheeting

Series 3270 With Pressure Sensitive Adhesive

Enclosed lens reflective sheeting with pressure sensitive adhesive backing for application to standard traffic sign substrates in a hand or Interstate squeeze roller applicator. Meets ASTM D 4956 Spec Type I, Class 1.

\$.70/sq.ft.

Additional Information:

- Screen Process with 3M™ series 990 and 700 process colors
- See Product Bulletin 3270 for full details

	3271 Yellow	3272 Red	
	3277 Green	3275 Blue	Net price
Size	3290 White	3279 Brown	Per Roll
1" x 50 yds.	S*	NS	\$8.75
2" x 50 yds.	NS	NS	17.50
3" x 50 yds.	NS	NS	26.25
6" x 50 yds.	S**	NS	52.50
9" x 50 yds.	S***	NS	78.75
12" x 50 yds.	S*	NS	105.00
18" x 50 yds.	S	NS	157.50
24" x 50 yds.	S	S	210.00
30" x 50 yds.	S	S	262.50
36" x 50 yds.	S	S	315.00
48" x 50 yds.	S	S	420.00

* White Only

** White/Green Only

*** Green Only

S = Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

NS = Non Standard

Material that requires at least one processing step before packaging due to size, color, configuration etc typically shipped 3-5 business days.

3M™ Engineer Grade Work Zone Sheeting

Series CW80

Enclosed lens reflective sheeting with Universal pressure sensitive adhesive for wood, metal and plastic substrates. Meets ASTM D 4956, Table 1, Class 1. See Product Bulletin CW80 for details.

Sign Sheeting and Drum Wrap

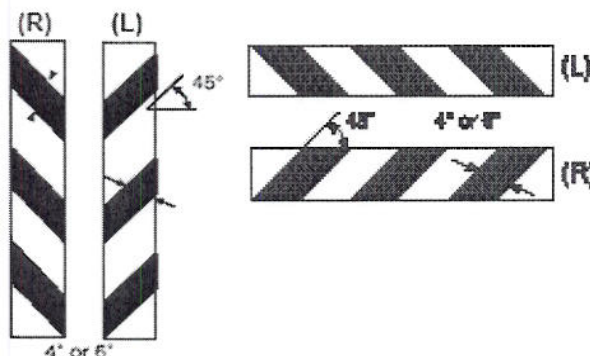
For use on reboundable polyethylene devices

Size			\$.70/sq.ft.
	CW80 White	CW84 Orange	Net Price Per Roll
12" x 50 yds.	NS	NS	105.00
24" x 50 yds.	NS	S	210.00
30" x 50 yds.	NS	S	262.50
36" x 50 yds.	NS	S	315.00
48" x 50 yds.	NS	S	420.00



Prestriped Orange & White Barricade

Barricades with stripes beginning at the upper right side and sloping downward to the lower left side are to be designated as right (R) barricades. Right barricades are placed on the right side of the road and are designed to move traffic to the left. Barricade stripes beginning at the upper left side and sloping downward to the right side are to be designated as left (L) barricades. Left barricades are placed on the left side of the road and are designed to move traffic to the right. Barricade sheeting has alternating 4" or 6" orange and white stripes running diagonally across the sheeting at an angle of 45 degrees.



Prestriped Orange & White Barricade

Size			\$.70/sq.ft.
	4-inch Stripe CW44L/R	6-inch Stripe CW46L/R	Net Price Per Roll
6" x 50 yds.	NS		\$52.50
8" x 50 yds.	NS		\$70.00

S = Standard
NS = Non Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M™ Diamond Grade™ Conspicuity Marking

Series 983

Highly reflective microprismatic lens sheeting with pressure sensitive adhesive for application to sides and rear of the large trucks, trailers, and other vehicles to increase their visibility, especially when the vehicle is turning or crossing roadways.

Additional Information:

- Meets or exceeds all FMVSS 108 requirements, includes the DOT-C2 certification mark
- Reflective at wide angles, to almost 90 degrees from perpendicular
- Aggressive pressure sensitive adhesive
- Easy to remove liner
- Pre-sealed edges
- See Product Bulletin 983 for more information

Film Colors:

983-10	Solid White
983-32	Red / White 11"/7"
983-326	Red / White 6"/6"
983-71	Solid Yellow
983-72	Solid Red



Kiss-Cut Rolls*

\$ 3.54/sq. ft.

Product	Roll Size	Net Price
983-32/326	1" x 50 yds.	\$ 44.25
983-32/326	1-1/2" x 50 yds.	66.38
All	2" x 50 yds.	88.50

*Specify Kiss-cut Strip length

Standard Rolls

\$ 3.54/sq. ft.

Size	Net Price Per Roll
1" x 50 yds.	\$ 44.25
1-1/2" x 50 yds.	66.38
1-3/4" x 50 yds.	77.44
2" x 50 yds.	88.50
3" x 50 yds.	132.75
4" x 50 yds.	177.00

Standard Precut Strips-100 strips per package

\$ 3.54/sq. ft.

Product	Roll Size	Net Price
983-10/326/72	2" x 12"	\$ 58.98
983-10/32/72	2" x 18"	88.50
983-10/326/72	2" x 24"	117.99
All	2" x 36"	177.00
983-10/326/72	2" x 48"	235.98

Call for quote on other size rolls and precut strips

3M™ Luminous Film 6900

Product Bulletin 6900

3M Luminous Film Meets and Exceeds ASTM 2072

Ideal for marking emergency exits and evacuation routes for buildings, schools, offices, hospitals, and commercial facilities.

\$ 5.92/sq. ft.

Product	6900	Durability
6900	Luminous	7 Year Interior, 1 Year Exterior

Roll Size	Square Feet	Net Price
3" x 50 yds.	37.5	\$ 222.00
48" x 10 yds.	120	710.40
48" x 25 yds.	300	1,776.00
48" x 50 yds.	600	3,552.00

Bulk Cartons

Roll Size	Roll	Carton	Net Price Per Carton
1" x 10 yds.	6	6	\$ 88.84
2" x 10 yds.	3	3	88.84
3" x 10 yds.	2	2	88.84

3M™ ElectroCut™ High Intensity Grade Reflective Sheeting

Series 3860

Encapsulated lens reflective sheeting with pressure sensitive adhesive for making traffic control signs for use in electronic cutting apparatus. Durable, wide angle, and highly reflective, it meets ASTM D 4956, Type III, Class 1.

Additional Information:

- Designed with optimal cutting, weeding, lifting, and transfer features when used in electronic cutting apparatus
- Pre-punched with slotted hole pattern
- Carries 3M's MCS™ (matched component system) warranty
- Extremely cost-effective signing material
- Screen process with 3M™ series 880I process color
- See Product Bulletin 3860 for full details



\$ 3.62/sq. ft.

Size	3860S White	Punched Net Price Per Roll
15" x 50 yds.	S	\$ 678.75
30" x 50 yds.	S	1,357.50

Note: Prespace with SCPS-2 prespacing tape.

Note that machines made by Gerber Scientific, Inc. require a slotted hole pattern.

3M™ ElectroCut™ Engineer Grade Reflective Sheeting

Series 3260

Durable, enclosed lens reflective sheeting with pressure sensitive adhesive for use in electronic cutting apparatus. Intended for signs, copy, and logos. Meets ASTM D 4956, Type I, Class 1.

Additional Information:

- Designed with optimal cutting, weeding, lifting, and transfer features when used in electronic cutting apparatus
- Available types:
 - Series 3260S—pre-punched with slotted hole pattern
 - Series 3260—non-punched. This item has been replaced with Series 3270 Sheeting.
- Screen process with 3M™ series 990 and 700 process color
- See Product Bulletin 3260 for full details

\$ 2.29/sq. ft.

Size	3260S White	3262S Red	3265S Blue	3267S Green	Punched Net Price Per Roll
15" x 50 yds.	S	S	NS	NS	429.38
30" x 50 yds.	S	NS	NS	NS	858.75

Note that machines made by Gerber Scientific, Inc. require a slotted hole pattern.

S = Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

NS = Non Standard

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

February 1, 2006

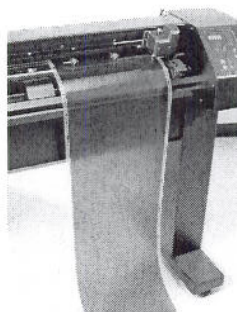
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3M™ Electronic Cuttable Roll Goods

Series 1170

Additional Information:

- Essential part of the 3M MCS™ (matched component system)
- Developed to provide optimal cutting, weeding, lifting, and transfer features when used with electronic cutting machines
- Available in both pre-punched and non-punched roll goods in a variety of widths and colors
- Dimensionally stable and intended for application over 3M™ reflective sheeting
- See Product Bulletin 1170 for detail



							\$1.00/sq.ft.			\$1.00/sq.ft.
	1170 Clear						Non Punched	1171S Yellow	1172S Red	Punched
	1171 Yellow	1172	1175	1177	1178	1179	Net Price	1178S Black	1175S Blue	Net Price
Size	1174 Orange	Red	Blue	Green	Black	Brown	Per Roll	1179S Brown	1177S Green	Per Roll
9" x 50 yds	NS	NS	NS	NS	NS	NS	112.50			N/A
12" x 50 yds.	NS	NS	NS	NS	NS	NS	150.00			N/A
15" x 50 yds.	NS	NS	NS	NS	NS	NS	187.50	NS	S	\$187.50
18" x 50 yds.	NS	NS	NS	S	NS	NS	225.00			N/A
24" x 50 yds.	NS	S	S	S	S	NS	300.00			N/A
30" x 50 yds.	NS	S	S	S	S	NS	375.00	NS	S	\$375.00
36" x 50 yds.	NS	S	S	S	S	S	450.00			N/A
48" x 50 yds.	NS	S	S	S	S	NS	600.00			N/A

Note: Prespace with TPM-5 Clear Transfer Tape.

NS = Non Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.
Material that requires at least one processing step before packaging due to size,color,configuration,etc.
typically shipped 3-5 business days.

N/A= Not Available this size punched.

3M™ Protective Overlay Film

Series 1150

Durable, solvent-resistant, transparent film with pressure sensitive adhesive, which is applied as a protective overlay to signs made from 3M reflective sheetings. Common types of defacement from vandalism can be cleaned from this film.

Additional Information:

- Barrier to staining by many types of graffiti, including spray paint, permanent markers, lipstick, etc.
- Can be cleaned using selected solvent wiping (see Product Bulletin 1150)
- Designed for use in areas of high direct collection or graffiti vandalism to help restore the appearance and performance of the overlaid sign
- Important part of the 3M's MCS™ (matched component system) for use on signs made from 3M sheetings, films and images
- Available with or without premask
- Guaranteed for same number of years as the 3M reflective sheeting to which it is applied

Rolls

\$ 1.11/sq. ft.

Size		Net Price Per Roll
24" x 50 yds.	S	\$ 333.00
30" x 50 yds.	S	416.25
36" x 50 yds.	S	499.50
48" x 50 yds.	S	666.00

Series 1150A without Premask

\$ 1.00/sq. ft.

Size		Net Price Per Roll
24" x 50 yds.	NS	\$ 300.00
30" x 50 yds.	NS	375.00
36" x 50 yds.	NS	450.00
48" x 50 yds.	NS	600.00

Preapplied to Faces

Add To Face	Net Price Per Square Foot
	\$ 2.00

Faces must be ordered in minimums of 25 identical.
RTA: Faces can be ordered with 1150 sheeting applied using the following designations:
HI(4)-R1-1
The (4) following the prefix designates applied 1150.

S = Standard

NS = Non Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

February 1, 2006

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3M™ Protective Overlay Film Rolls and Sheets

3M™ Premium Protective Overlay Film

Series 1160

Durable, high performance, solvent-resistant, transparent film, with pressure sensitive adhesive, applied as a protective overlay to signs made from 3M reflective sheetings. Common types of defacement from vandalism can be cleaned from this film.

Additional Information:

- Developed especially for use on 3M™ Diamond Grade™ Reflective Sheeting
- Barrier to staining by many types of graffiti, including spray paint, permanent markers, lipstick, etc.
- Promotional stickers used to deface signs can be removed from this film
- Can be cleaned using selected solvent wiping (see Product Bulletin 1160)
- Designed for use in areas of high direct collection or graffiti vandalism to help restore the appearance and performance of the overlaid sign
- Available with or without premask
- Guaranteed for same number of years as the 3M reflective sheeting to which it is applied



Rolls

\$ 2.35/sq. ft.

Size		Net Price Per Roll
12" x 50 yds.	NS	\$ 352.50
24" x 50 yds.	S	705.00
30" x 50 yds.	S	881.25
36" x 50 yds.	S	1,057.50
48" x 50 yds.	S	1,410.00

Series 1160A without Premask

\$ 2.15/sq. ft.

Size		Net Price Per Roll
12" x 50 yds.	NS	\$ 322.50
24" x 50 yds.	NS	645.00
30" x 50 yds.	NS	806.25
36" x 50 yds.	NS	967.50
48" x 50 yds.	NS	1,290.00

Preapplied to Faces

Add To Face	Net Price Per Square Foot
	\$ 3.05

Faces must be ordered in minimums of 25 identical.

RTA, DG, and VIP:

Faces can be ordered with 1160 sheeting applied using the following designations:

HI(5)-R1-1

DG(5)-R1-1

VIP(5)-R1-1

The (5) following the prefix designates applied 1160.

S = Standard

Prepackaged finished goods material that is ready to ship to the customer in 1-2 days.

NS = Non Standard

Material that requires at least one processing step before packaging due to size, color, configuration, etc. typically shipped 3-5 business days.

3M™ Driver Feedback Signs

Making your roadways safer by reducing driving speeds.
Uses K Band one-way radar.



Model Description	1 – 4 Units	Price 24 x 30 5 – 9 Units	10+	1 – 4 Units	Price 36 x 48 5 – 9 Units	10+
Hardwired AC - DFB Series 100						
DFB-100 - Cabinet Mounted Key Switch Control	5130.00	4892.50	4750.00	6048.00	5768.00	5600.00
DFB-120 - Relay Timer Control	5130.00	4892.50	4750.00	6048.00	5768.00	5600.00
DFB-150 - RF 900 MHz Spread Spectrum with software*	5670.00	5407.50	5250.00	6642.00	6334.50	6150.00
24 VDC Capability(Does not include solar panels or battery) - DFB Series 400						
DFB-400 - Cabinet Mounted Key Switch Control	5130.00	4892.50	4750.00	N/A	N/A	N/A
DFB-420 - Relay Timer Control	5130.00	4892.50	4750.00	N/A	N/A	N/A
DFB-450 - RF 900 MHz Spread Spectrum with software*	5670.00	5407.50	5250.00	N/A	N/A	N/A
Power Options for DFB Series 400 24 VDC Sign						
DFB-BC-400A – Battery Charger Kit: 24VDC; Primary AC Volts 190 / 208 / 220 / 240 / 380 / 416 / 440 / 480	2300.40	2193.90	2130.00	N/A	N/A	N/A
DFB-BC-400B – Battery Charger Kit: 24VDC; Primary AC Volts 120 / 208 / 240 / 277	2494.80	2379.30	2310.00	N/A	N/A	N/A
DFB-SB-400 – Solar/Battery Charger Kit: 24VDC	3348.00	3193.00	3100.00	N/A	N/A	N/A
12 VDC Capability(Does not include solar panels or battery) - DFB Series 500						
DFB-500 - Cabinet Mounted Key Switch Control	N/A	N/A	N/A	6048.00	5768.00	5600.00
DFB-520 - Relay Timer Control	N/A	N/A	N/A	6048.00	5768.00	5600.00
DFB-550 - RF 900 MHz Spread Spectrum with software*	N/A	N/A	N/A	6642.00	6334.50	6150.00
Power Options for DFB Series 500 12 VDC Sign						
DFB-BC-500A – Battery Charger Kit: 12VDC; Primary AC Volts 190 / 208 / 220 / 240 / 380 / 416 / 440 / 480	N/A	N/A	N/A	2300.40	2193.90	2130.00
DFB-BC-500B – Battery Charger Kit: 12VDC; Primary AC Volts 120 / 208 / 240 / 277	N/A	N/A	N/A	2494.80	2379.30	2310.00
DFB-SB-500 – Solar/Battery Charger Kit: 12VDC	N/A	N/A	N/A	3348.00	3193.00	3100.00
Model Stock Number Description	1 – 4 Units	Price 24 x 30 5 – 9 Units	10+	1 – 4 Units	Price 36 x 48 5 – 9 Units	10+
*RF 900 MHz Modem Kit 75-0300-9712-7 Kit includes RF modem, connectors/cabling, and car lighter DC inverter (one per system required for RF Remote Control option)	700.00	700.00	700.00	700.00	700.00	700.00
I-bracket 75-0301-2563-9 DFB Mounting Bracket for 24x30 Sign Powder Coated White	100.00	100.00	100.00	N/A	N/A	N/A
I-bracket 75-0301-2567-0 DFB Mounting Bracket for 36x48 Sign Powder Coated White	N/A	N/A	N/A	100.00	100.00	100.00

3M Driver Feedback Signs

3M™ Driver Feedback Signs offer advanced state-of-the-art solutions that combine the high visibility of fluorescent yellow green sheeting with the impact of dynamic message systems.

Additional Information

- Orders for 24" x 30" signs must select either the standard LED flash speed warning or the "SLOW NOW" speed warning feature at the time of order. There is no price difference between these two options.
- LED Flash Speed: LEDs will flash the detected speed if speed is faster than posted speed by more than the preset limit.
- "SLOW NOW" feature: LEDs will flash alternately SLOW and NOW if detected speed is 1 MPH (1 KPH) over speed limit. "SLOW NOW" feature only available in 24x30 size signs.
- Maximum Display speed will not allow higher speeds to be displayed to discourage racing toward sign.
- For service, warranty and technical support, contact 3M Technical Service at 1-800-258-4610 prompt 5.
- Please allow minimum of two-weeks lead time for delivery.

Power Descriptions

Hardwired AC, 90-260 Volts

- This is the ideal power configuration for 24/7 operation. The installation site requires a power source that can supply continuous AC power to the driver feedback sign.
- Blank Out Cap Feature: If AC power falls below 75VAC for more than 100mS, the display shall automatically change to BLANK to prevent display of a partial or misleading message.

12 VDC or 24 VDC Capability

- This power option supplies a 12-volt or 24-volt DC hook-up and is designed to be powered by one of the options below.

12VDC or 24VDC Solar/Battery Charger Kits

- Solar powered signs are designed for applications such as school zones or residential areas. Solar systems are designed to operate a maximum of nine (9) hours per day, five (5) days per week. If additional run time is needed, we recommend that an AC powered display or one of the battery charger kits be purchased.

- Solar/Battery Kit includes:
 - deep cycle batteries
 - lockable aluminum battery box
 - 64-watt solar (photovoltaic) array for battery charging
 - DFB mounting "I-brackets" for the display and battery box. Additional banding or brackets may be required.
- Bases and poles are not included.

12VDC or 24VDC Battery Charger Kits

- Battery Charger Kit signs are designed for applications where street lamp poles will supply the power to the sign.
- Battery Charger Kit includes
 - Batteries
 - Lockable aluminum battery box
 - Charger
 - Transformer
 - DFB mounting I-Brackets for the display and battery box. Additional banding or brackets may be required.

Control Descriptions

(All control options come standard with a local serial port to download speed data and to program sign)

Cabinet Mounted Key Switch

- A 3-position switch located on the lower side of the sign. A key is inserted into the switch to change the operation of the display between OFF, ON and TEST.

Relay Timer/Dry Contact

- This feature allows the sign to be turned on/off from an existing switching source such as a signal or beacon control box. Wires are connected to the same relay or signal that turns the existing signal on or off and will turn the sign on or off at the same time.

Wireless Scheduling Option

RF 900 MHz Spread Spectrum with software

- A 900MHz spread spectrum radio signal, similar to one used in remote telephones, allows the sign to be programmed and operated from a distance range of up to 1,500 feet. Software is provided and should be loaded on a PC for programming. The PC (not included) must be equipped with a 900 MHz RF radio frequency modem. One radio frequency modem is required per system (controls multiple signs) and is available at an additional price of \$700.00.
- This option, in conjunction with Speed Data Collection software and DFS Report Macro, allows the user to download speed and time data from the sign.

Red Regulatory Sign Faces From 3M™ Diamond Grade™ Reflective Sheeting

Series 3990

Regulatory sign faces made from Diamond Grade™ VIP 3990 reflective sheeting pre-screened with red background or symbol in conformance with U.S. MUTCD standards. Apply to standard sign substrates.

\$ 8.11/sq. ft.

Size	3990 Net Price
12" x 6"	\$ 4.06
18" x 6"	6.08
30" x 18"	30.41
30" x 30"	50.69
30" x 30" x 30"	21.96
36" x 24"	48.66
36" x 36"	72.99
36" x 36" x 36"	31.60
42" x 30"	70.96
48" x 48"	129.76
48" x 48" x 48"	56.21

3990 Faces must be ordered in minimum of 10 identical.

3990 VIP Code	Legend or Symbol	Sizes		
VIP RI-1	STOP	30" x 30"	36" x 36"	48" x 48"
VIP RI-2	YIELD	30" x 30" x 30"	36" x 36" x 36"	48" x 48" x 48"
VIP RI-3	4-WAY	12" x 6"		
VIP RI-4	ALL WAY	18" x 6"		
VIP R5-1	DO NOT ENTER	30" x 30"	36" x 36"	48" x 48"
VIP R5-1a	WRONG WAY	30" x 18"	36" x 24"	42" x 30"

Three Color Sign Faces From 3M™ Diamond Grade™ Reflective Sheeting

Series 3990

Regulatory sign faces made from Diamond Grade™ VIP 3990 reflective sheeting pre-screened background or symbol in conformance with U.S. MUTCD standards. Apply to standard sign substrates.

\$ 8.92/sq. ft.

Size	3990 Net Price
30" x 30"	\$ 55.75
36" x 36"	80.28
48" x 48"	142.72

3990 Faces must be ordered in minimum of 10 identical.

3990 VIP Code	Legend or Symbol	Sizes		
VIP W3-1a	STOP AHEAD SYMBOL *	30" x 30"	36" x 36"	48" x 48"
VIP W3-2a	YIELD AHEAD SYMBOL *	30" x 30"	36" x 36"	48" x 48"
VIP W3-3	SIGNAL AHEAD SYMBOL **	30" x 30"	36" x 36"	48" x 48"

* Three Color: Black, White and Red on Yellow

** Three Color: Red, Green and Black on Yellow

Two Color Sign Faces From 3M™ Diamond Grade™ Reflective Sheeting

Series 3990

Regulatory sign faces made from Diamond Grade™ VIP 3990 reflective sheeting pre-screened background or symbol in conformance with U.S. MUTCD standards. Apply to standard sign substrates.

\$ 8.66/sq. ft.

Size	3990 Net Price
12" x 12"	\$ 8.66
12" x 18"	12.99
12" x 24"	17.32
12" x 30"	21.65
18" x 18"	19.49
18" x 24"	25.98
24" x 24"	34.64
24" x 30"	43.30
30" x 30"	54.13
30" X 36"	64.95
48" x 48"	138.56

3990 Faces must be ordered in minimum of 10 identical.

Diamond Grade
Sign Faces

3990 VIP Code	Legend or Symbol	Sizes			
VIP R3-1	NO RIGHT TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
VIP R3-2	NO LEFT TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
VIP R3-4	NO U-TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
VIP R5-2	NO TRUCKS SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
VIP R5-6	NO BICYCLES SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
VIP R7-2a	NO PARKING SYMBOL *with times	12" x 18"			
VIP R7-8	"RESERVED PARKING" with Handicapped symbol **	12" x 18"			
VIP R7-9a	NO PARKING SYMBOL "BIKE LANE"*	12" x 18"			
VIP R7-107a	NO PARKING AND BUS SYMBOL *	12" x 30"			
VIP R8-3a	NO PARKING SYMBOL *	12" x 12"	24" x 24"	36" x 36"	48" x 48"
VIP R9-3a	NO PEDESTRIAN CROSSING SYMBOL *	18" x 18"	24" x 24"	30" x 30"	
VIP R9-4a	NO HITCH HIKING SYMBOL *	18" x 18"	24" x 24"		
VIP M1-5	"COUNTY" ROUTE MARKER BLANK***	18" x 18"	24" x 24"	30" x 30"	

* Two Color: Red and Black on White.

** Two Color: Green and Blue on White.

*** Two Color: Blue and Yellow.

One Color Sign Faces From 3M™ Diamond Grade™ Reflective Sheeting

Regulatory Series (all others), Warning Series, School Series

Series 3990

Regulatory sign faces made from Diamond Grade™
VIP 3990 reflective sheeting pre-screened
background or symbol in conformance with U.S.
MUTCD standards. Apply to standard sign substrates.

\$ 7.81/sq. ft.

Size	3990 Net Price
12" x 6"	\$ 3.91
12" x 9"	5.86
12" x 12"	7.81
24" x 8"	10.41
12" x 18"	11.72
15" x 15"	12.20
24" x 10"	13.02
24" x 12"	15.62
18" x 18"	17.57
18" x 24"	23.43
36" x 12"	23.43
24" x 24"	31.24
36" x 18"	35.15
24" x 30"	39.05
36" x 24"	46.86
36" x 48" x 48"	43.44
9" x 48" x 90"	46.86
30" x 30"	48.81
30" x 36"	58.58
24" x 48"	62.48
36" x 36"	70.29
48" x 64" x 64"	77.02
36" x 48"	93.72
48" x 48"	124.96

3990 Faces must be ordered in minimum of 10 identical.

One Color Warning Series Sign Faces

From 3M™ Diamond Grade™ Fluorescent VIP Reflective Sheeting

3983 Fluorescent Yellow Green

Pre-screened, pressure sensitive sign faces with black symbol or legend on fluorescent yellow green background. Conform to U.S. MUTCD standard designs. Apply to standard sign substrates.

\$ 8.70/sq. ft.

Code	Description	Size	Net Price
FYGVIPS1-1	SCHOOL ADVANCE SYMBOL	30" x 30"	\$ 54.38
		36" x 36"	78.30
FYGVIPS2-1	SCHOOL CROSSING SYMBOL	30" x 30"	54.38
		36" x 36"	78.30
FYGVIPS3-1	SCHOOL BUS STOP AHEAD	30" x 30"	54.38
		36" x 36"	78.30
FYGVIPS4-3	SCHOOL FACE	24" x 8"	11.60
FYGVIPW11-1	BICYCLE SYMBOL	30" x 30"	54.38
		36" x 36"	78.30
FYGVIPW11-2	PEDESTRIAN ADVANCE SYMBOL	30" x 30"	54.38
		36" x 36"	78.30
FYGVIPW11A-2	PEDESTRIAN CROSSING SYMBOL	30" x 30"	54.38
		36" x 36"	78.30
FYGVIPW16-7	LEFT ARROW	24" x 12"	17.40
		30" x 18"	32.63
FYGVIPW16-7	RIGHT ARROW	24" x 12"	17.40
		30" x 18"	32.63
FYGVIPW16-9P	AHEAD	24" x 10"	14.50
		36" x 20"	43.50

Faces must be ordered in minimum quantities of 10 identical.

Diamond Grade
Sign Faces

One Color Warning Series Sign Faces

From 3M™ Diamond Grade™ Fluorescent VIP Reflective Sheeting

3981 Fluorescent Yellow

Pre-screened, pressure sensitive sign faces with black symbol or legend on fluorescent yellow background. Order by code number shown in U.S. MUTCD. Apply to standard sign substrates.

\$ 8.70/sq. ft.

Size	Net Price
24" x 12"	\$ 17.40
18" x 18"	19.58
24" x 18"	26.10
24" x 24"	34.80
36" x 18"	39.15
24" x 30"	43.50
36" x 48" x 48"	48.39
30" x 30"	54.38
30" x 36"	65.25
36" x 36"	78.30
36" x 48"	104.40
48" x 48"	139.20

Faces must be ordered in minimum quantities of 10 identical.

Red Regulatory Sign Faces From 3M™ High Intensity Prismatic Reflective Sheeting

Series 3930

Regulatory sign faces made from pressure sensitive High Intensity Prismatic reflective sheeting pre-screened with red background or symbol in conformance with U.S. MUTCD standards. Apply to standard sign substrates.

\$ 4.66/sq. ft.

Size	Net Price Pressure Sensitive
12" x 6"	\$ 2.33
18" x 6"	3.50
30" x 30" x 30"	12.62
30" x 18"	17.48
36" x 36" x 36"	18.16
36" x 24"	27.96
30" x 30"	29.13
48" x 48" x 48"	32.30
42" x 30"	40.78
36" x 36"	41.94
48" x 48"	74.56

Faces must be ordered in minimum quantities of 10 identical.

Room Temperature Applied Code RTA 3930	Legend or Symbol	Sizes		
HIP3R1-1	STOP	30" x 30"	36" x 36"	48" x 48"
HIP3R1-2	YIELD	30" x 30" x 30"	36" x 36" x 36"	48" x 48" x 48"
HIP3R1-3	4-WAY	12" x 6"		
HIP3R1-4	ALL WAY	18" x 6"		
HIP3R5-1	DO NOT ENTER	30" x 30"	36" x 36"	48" x 48"
HIP3R5-1a	WRONG WAY	30" x 18"	36" x 24"	42" x 30"

Three Color Sign Faces From 3M™ High Intensity Prismatic Reflective Sheeting

Series 3930

Warning series sign faces with three-colored symbol/legend pre-screened on High Intensity Prismatic 3930 pressure sensitive reflective sheeting conforming to U.S. MUTCD standards. Apply to standard sign substrates.

\$ 5.11/sq. ft.

Size	Net Price Pressure Sensitive
30" x 30"	\$ 31.94
36" x 36"	45.99
48" x 48"	81.76

Faces must be ordered in minimum quantities of 10 identical.

Room Temperature Applied Code RTA 3930	Legend or Symbol	Sizes		
HIP3W3-1a	STOP AHEAD SYMBOL *	30" x 30"	36" x 36"	48" x 48"
HIP3W3-3	SIGNAL AHEAD SYMBOL **	30" x 30"	36" x 36"	48" x 48"
HIP3W3-2a	YIELD AHEAD SYMBOL *	30" x 30"	36" x 36"	48" x 48"

* Three color: Black, White and Red on Yellow

** Three color: Red, Green and Black on Yellow

High Intensity Prismatic
Sign Faces

Two Color Sign Faces From 3M™ High Intensity Prismatic Reflective Sheeting

Series 3930

Traffic control sign faces with two-colored symbol/legend pre-screened on High Intensity Prismatic series 3930 reflective sheeting conforming to U.S. MUTCD standards.
Apply to standard sign substrates.

\$ 4.98/sq. ft.

Size	Net Price Pressure Sensitive
12" x 12"	\$ 4.98
12" x 18"	7.47
12" x 24"	9.96
18" x 18"	11.21
12" x 30"	12.45
18" x 24"	14.94
24" x 24"	19.92
24" x 30"	24.90
30" x 30"	31.13
36" x 36"	44.82
48" x 48"	79.68

Faces must be ordered in minimum quantities of 10 identical.

High Intensity Prismatic
Sign Faces

Room Temperature Applied Code RTA 3930	Legend or Symbol	Sizes			
HIP3R3-1	NO RIGHT TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HIP3R3-2	NO LEFT TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HIP3R3-4	NO U-TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HIP3R5-2	NO TRUCKS SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HIP3R5-6	NO BICYCLES SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HIP3R7-2a	NO PARKING SYMBOL * with times	12" x 18"			
HIP3R7-8	"RESERVED PARKING" with handicapped symbol **	12" x 18"			
HIP3R7-9a	NO PARKING SYMBOL "BIKE LANE" *	12" x 18"			
HIP3R7-107a	NO PARKING AND BUS SYMBOL *	12" x 30"			
HIP3R8-3a	NO PARKING SYMBOL *	12" x 12"	24" x 24"	36" x 36"	48" x 48"
HIP3R9-3a	NO PEDESTRIAN CROSSING SYMBOL *	18" x 18"	24" x 24"	30" x 30"	
HIP3R9-4a	NO HITCH HIKING SYMBOL *	18" x 18"	24" x 24"		
HIP3M1-5	"COUNTY" ROUTE MARKER BLANK ***	18" x 18"	24" x 24"	30" x 30"	

* Two color: Red and Black on White

** Two color: Green and Blue on White

*** Two color: Blue and Yellow

One Color Sign Faces From 3M™ High Intensity Prismatic Reflective Sheeting

Regulatory Series (all others), Warning Series, School Series, Construction Series, Trailblazer Series

Series 3930

Approved MUTCD faces pre-screened with one color on pressure sensitive Series 3930 sheeting. No words or symbols that are unique or restricted in use to a given state. Specify MUTCD code number and size.

\$ 4.50/sq. ft.

Size	Net Price Pressure Sensitive
12" x 6"	\$ 2.25
12" x 9"	3.38
12" x 12"	4.50
24" x 8"	6.00
12" x 18"	6.75
15" x 15"	7.03
24" x 10"	7.50
24" x 12"	9.00
18" x 18"	10.13
18" x 24"	13.50
12" x 36"	13.50
24" x 24"	18.00
36" x 18"	20.25
24" x 30"	22.50
36" x 48" x 48"	25.03
36" x 24"	27.00
9" x 48" x 90°	27.00
30" x 30"	28.13
30" x 36"	33.75
24" x 48"	36.00
36" x 36"	40.50
48" x 64" x 64"	44.50
36" x 48"	54.00
48" x 48"	72.00

Faces must be ordered in minimum quantities of 10 identical.

High Intensity Prismatic
Sign Faces

Red Regulatory Sign Faces From 3M™ High Intensity Grade Reflective Sheeting

Series 3870

Regulatory sign faces made from pressure sensitive High Intensity Grade reflective sheeting pre-screened with red background or symbol in conformance with U.S. MUTCD standards. Apply to standard sign substrates. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 7.23/sq. ft.

Size	Net Price Pressure Sensitive
12" x 6"	\$ 3.62
18" x 6"	5.42
30" x 30" x 30"	19.58
30" x 18"	27.11
36" x 36" x 36"	28.17
36" x 24"	43.38
30" x 30"	45.19
48" x 48" x 48"	50.11
42" x 30"	63.26
36" x 36"	65.07
48" x 48"	115.68

Faces must be ordered in minimum quantities of 10 identical.

Room Temperature Applied Code RTA 3870	Legend or Symbol	Sizes		
HI3R1-1	STOP	30" x 30"	36" x 36"	48" x 48"
HI3R1-2	YIELD	30" x 30" x 30"	36" x 36" x 36"	48" x 48" x 48"
HI3R1-3	4-WAY	12" x 6"		
HI3R1-4	ALL WAY	18" x 6"		
HI3R5-1	DO NOT ENTER	30" x 30"	36" x 36"	48" x 48"
HI3R5-1a	WRONG WAY	30" x 18"	36" x 24"	42" x 30"

Three Color Sign Faces From 3M™ High Intensity Grade Reflective Sheeting

Series 3870

Warning series sign faces with three-colored symbol/legend pre-screened on High Intensity Grade 3870 pressure sensitive reflective sheeting conforming to U.S. MUTCD standards. Apply to standard sign substrates. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 7.92/sq. ft.

Size	Net Price Pressure Sensitive
30" x 30"	\$ 49.50
36" x 36"	71.28
48" x 48"	126.72

Faces must be ordered in minimum quantities of 10 identical.

Room Temperature Applied Code RTA 3870	Legend or Symbol	Sizes		
HI3W3-1a	STOP AHEAD SYMBOL *	30" x 30"	36" x 36"	48" x 48"
HI3W3-3	SIGNAL AHEAD SYMBOL **	30" x 30"	36" x 36"	48" x 48"
HI3W3-2a	YIELD AHEAD SYMBOL *	30" x 30"	36" x 36"	48" x 48"

* Three color: Black, White and Red on Yellow

** Three color: Red, Green and Black on Yellow

High Intensity Grade
Sign Faces

Two Color Sign Faces

From 3M™ High Intensity Grade Reflective Sheeting

Series 3870

Traffic control sign faces with two-colored symbol/legend pre-screened on High Intensity Grade series 3870 reflective sheeting conforming to U.S. MUTCD standards. Apply to standard sign substrates. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 7.71/sq. ft.

Size	Net Price Pressure Sensitive
12" x 12"	\$ 7.71
12" x 18"	11.57
12" x 24"	15.42
18" x 18"	17.35
12" x 30"	19.28
18" x 24"	23.13
24" x 24"	30.84
24" x 30"	38.55
30" x 30"	48.19
36" x 36"	69.39
48" x 48"	123.36

Faces must be ordered in minimum quantities of 10 identical.

Room Temperature Applied Code RTA 3870	Legend or Symbol	Sizes			
HI3R3-1	NO RIGHT TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HI3R3-2	NO LEFT TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HI3R3-4	NO U-TURN SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HI3R5-2	NO TRUCKS SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HI3R5-6	NO BICYCLES SYMBOL *	24" x 24"	30" x 30"	36" x 36"	48" x 48"
HI3R7-2a	NO PARKING SYMBOL * with times	12" x 18"			
HI3R7-8	"RESERVED PARKING" with handicapped symbol **	12" x 18"			
HI3R7-9a	NO PARKING SYMBOL "BIKE LANE"*	12" x 18"			
HI3R7-107a	NO PARKING AND BUS SYMBOL *	12" x 30"			
HI3R8-3a	NO PARKING SYMBOL *	12" x 12"	24" x 24"	36" x 36"	48" x 48"
HI3R9-3a	NO PEDESTRIAN CROSSING SYMBOL *	18" x 18"	24" x 24"	30" x 30"	
HI3R9-4a	NO HITCH HIKING SYMBOL *	18" x 18"	24" x 24"		
HI3M1-5	"COUNTY" ROUTE MARKER BLANK ***	18" x 18"	24" x 24"	30" x 30"	

* Two color: Red and Black on White

** Two color: Green and Blue on White

*** Two color: Blue and Yellow

One Color Sign Faces From 3M™ High Intensity Grade Reflective Sheeting

Regulatory Series (all others), Warning Series, School Series, Construction Series, Trailblazer Series

Series 3870

Approved MUTCD faces pre-screened with one color on pressure sensitive Series 3870 sheeting. No words or symbols that are unique or restricted in use to a given state. Specify MUTCD code number and size. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 6.96/sq. ft.

Size	Net Price Pressure Sensitive
12" x 6"	\$ 4.38
12" x 9"	5.22
12" x 12"	6.96
24" x 8"	9.28
12" x 18"	10.44
15" x 15"	10.88
24" x 10"	11.60
24" x 12"	13.92
18" x 18"	15.66
18" x 24"	20.88
12" x 36"	20.88
24" x 24"	27.84
36" x 18"	31.32
24" x 30"	34.80
36" x 48" x 48"	38.72
36" x 24"	41.76
9" x 48" x 90°	41.76
30" x 30"	43.50
30" x 36"	52.20
24" x 48"	55.68
36" x 36"	62.64
48" x 64" x 64"	68.63
36" x 48"	83.52
48" x 48"	111.36

Faces must be ordered in minimum quantities of 10 identical.

High Intensity Grade
Sign Faces

Red Regulatory Sign Faces From 3M™ Engineer Grade Reflective Sheeting

Series 3290

Regulatory sign faces made from pressure sensitive Engineer Grade 3290 reflective sheeting pre-screened with red background or symbol in conformance with U.S. MUTCD standards. Apply to standard sign substrates. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 4.66/sq. ft.

Size	Net Price Pressure Sensitive
12" x 6"	\$ 2.33
18" x 6"	3.50
18" x 18"	10.49
30" x 30" x 30"	12.62
30" x 18"	17.48
36" x 36" x 36"	18.16
36" x 24"	27.96
30" x 30"	29.13
48" x 48" x 48"	32.30
42" x 30"	40.78
36" x 36"	41.94
48" x 48"	74.56

Faces must be ordered in minimum quantities of 10 identical.

MUTC Code	Legend or Symbol	Sizes
3R1-1	STOP	18" x 18" 30" x 30" 36" x 36"
3R1-3	4-WAY	12" x 6"
3R1-2	YIELD	30" x 30" x 30" 36" x 36" x 36"
3R5-1	DO NOT ENTER	30" x 30"

Three Color Sign Faces From 3M™ Engineer Grade Reflective Sheeting

Series 3290

Approved MUTCD warning series sign faces with three screened colors on Engineer Grade 3271 pressure sensitive reflective sheeting. Specify MUTCD code and size. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 5.11/sq. ft.

Size	Net Price Pressure Sensitive
30" x 30"	\$ 31.94
36" x 36"	45.99
48" x 48"	81.76

Colors: Black, White and Red on Yellow
Red, Green and Black on Yellow

Faces must be ordered in minimum quantities of 10 identical.

Two Color Sign Faces From 3M™ Engineer Grade Reflective Sheeting

Series 3290

Approved MUTCD traffic sign faces with two screened colors on Engineer Grade 3290 pressure sensitive reflective sheeting. Specify MUTCD code and size. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

\$ 4.98/sq. ft.

Size	Net Price Pressure Sensitive
12" x 12"	\$ 4.98
12" x 18"	7.47
12" x 24"	9.96
18" x 18"	11.21
12" x 30"	12.45
18" x 24"	14.94
24" x 24"	19.92
24" x 30"	24.90
30" x 30"	31.13
36" x 36"	44.82
48" x 48"	79.68

Colors: Red and Black on White
Green and Blue on White

Faces must be ordered in minimum quantities of 10 identical.

One Color Sign Faces From 3M™ Engineer Grade Reflective Sheeting

Regulatory Series (all others), Warning School Series

Series 3290

Approved MUTCD faces pre-screened with one color on pressure sensitive Engineer Grade sheeting. No words or symbols that are unique or restricted in use to a given state. Specify MUTCD code number and size. For significantly better value consider using 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 for better performance and higher durability.

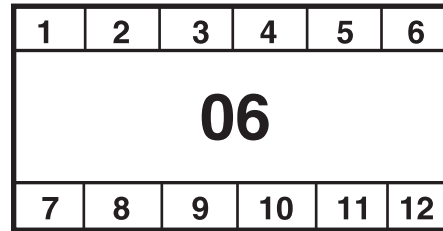
\$ 4.50/sq. ft.

Size	Net Price Pressure Sensitive
12" x 6"	\$ 2.25
12" x 9"	3.38
12" x 12"	4.50
24" x 8"	6.00
12" x 18"	6.75
15" x 15"	7.03
24" x 10"	7.50
24" x 12"	9.00
18" x 18"	10.13
18" x 24"	13.50
36" x 12"	13.50
24" x 24"	18.00
36" x 18"	20.25
24" x 30"	22.50
36" x 48" x 48"	25.03
36" x 24"	27.00
9" x 48" x 90°	27.00
30" x 30"	28.13
30" x 36"	36.00
24" x 48"	40.50
36" x 36"	40.50
48" x 64" x 64"	44.50
36" x 48"	54.00
48" x 48"	72.00

Faces must be ordered in minimum quantities of 10 identical.

3M™ Generic Sign Dating Sticker

This sticker is fabricated from screen printed 3M™ Reflective Sheeting 5290 White or 5271 Yellow. They are kiss cut in sheets of five each for easy liner removal, punch out the month prior to application. Each year 3M will alter the color combination so stickers can be easily seen from a vehicle.



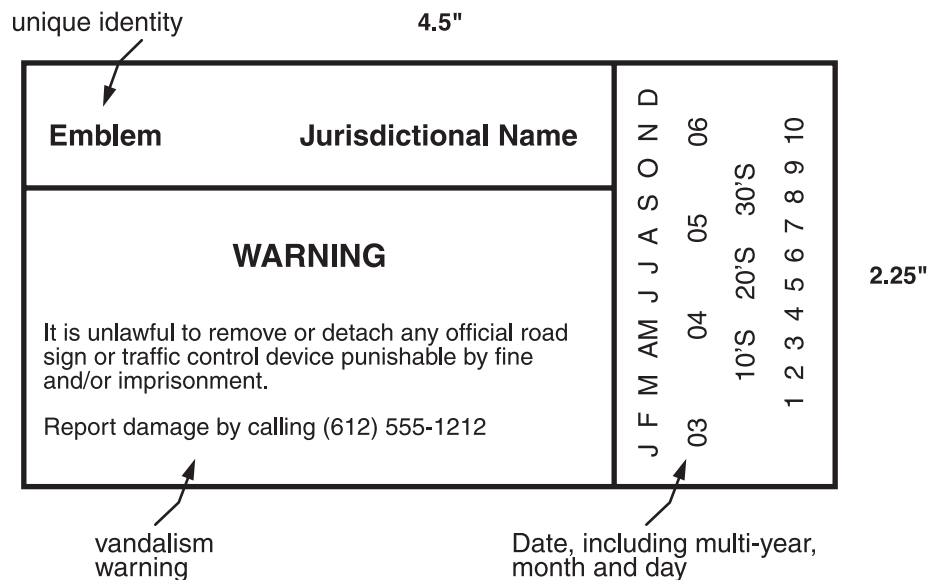
(Actual Size)

Code	Stickers Per Package	Net Price Per Package
GDS-100	100 Each	\$ 19.83
GDS-500	500 Each	99.15

Unique Dating Sticker

You may choose to design your own dating sticker. The illustration provides some ideas for you to use in deciding the best way to date your signs. You may also choose to have a new color each year as with the generic dating sticker shown above. **Prices are provided on a quotation basis only.** Contact your 3M sales representative, or mail your requirements to:

3M Traffic Safety Systems Division
 3M Center Bldg. 225-5S-08
 P.O. Box 33225
 St. Paul, MN 55133-3225
 Attn: Bid and Quote Group



Unmounted Letters, Numbers, Borders and Radius Corners

3M™ Diamond Grade™ VIP Reflective Sheeting

Series 3990

Cut-out letters, numbers, borders, arrows, and other precut components for the production of high quality signs made with 3M™ reflective sheeting.

Letter Styles Used In Different Series



	Series A	Series B	Series C	Series D	Series E
Height	4"	4"	4"	4"	4"
Width	1-1/2"	1-11/16"	2-3/16"	2-11/16"	3-3/16"
Stroke Width	3/8"	1/2"	9/16"	5/8"	11/16"
Height	5"	5"	5"	5"	5"
Width	1-7/8"	2-7/64"	2-47/64"	3-23/64"	3-63/64"
Stroke Width	15/32"	5/8"	45/64"	25/32"	55/64"
Height	4"	6"	6"	6"	6"
Width	2-1/4"	2-17/32"	3-9/32"	4-1/32"	4-25/32"
Stroke Width	9/16"	3/4"	27/32"	15/16"	1-1/32"

Standard Packages of Characters

Unmounted upper case or lower case cut-out letters and numbers made from 3M™ Diamond Grade™ VIP Reflective Sheeting 3990 white. 10 identical per package. Indicate letter or number.

Cut-Out Upper Case Letters and Numbers

3990 White	Net Price 6"	Net Price 8"	Net Price 10"
FHWA Series D	\$ 16.17	\$ 25.31	\$ 40.79
FHWA Series E	18.25	28.96	46.72

Cut-Out Lower Case Letters and Numbers

3990 White	Net Price 4-1/2"	Net Price 6"
FHWA Series D	\$ 12.97	\$ 19.41
FHWA Series E	14.29	22.72

Cut Borders

Unmounted border strips from Series 3990 sheeting for application to 3M™ sheeting backgrounds. Available in horizontal and vertical orientation. 5 horizontal or 5 vertical per package. Indicate orientation.

3990 White

Size	Horizontal	Vertical	Net Price 5 Per Pkg.
3/4" x 36"	H	V	\$ 5.85
1" x 36"	H	V	7.81
1-1/4" x 36"	H	V	9.83
2" x 36"	H	V	15.61
3" x 36"	H	V	23.43

Cut-out Radius Corners

Unmounted radius corners made from 3M™ Diamond Grade™ VIP Sheeting 3990 white. Package of 20 contains 10 lower left/upper right and 10 upper left/lower right oriented corners.

3990 White

Size	Net Price 20 Per Pkg.
3/4" x 2-1/4"	\$ 7.81
1" x 3"	10.75
1-1/4" x 6"	24.30

Delineators Mounted/Unmounted

3M™ Diamond Grade™ Reflective Sheeting

Delineators prefabricated from highly reflective, durable wide angle, microprismatic lens sheeting. Carries 3M warranty.

Mounted Delineators

Single Unit -Fabricated from .063" Aluminum

Package of 100

Code	Color	Size	Net Price Per Package
DGSD-33	White	3" x 3"	\$ 199.26
DGAD-33	Yellow	3" x 3"	199.26
DGRD-33	Red	3" x 3"	199.26
DGSD-35	White	3" x 5"	233.43
DGAD-35	Yellow	3" x 5"	233.43
DGRD-35	Red	3" x 5"	233.43

Unmounted Delineators – Pressure Sensitive

3" Diameter – Fabricated from Series 3990 (Unscored)

Package of 25

Code	Color	Net Price Per Package
DGSC-3	White	\$ 15.98
DGYC-3	Yellow	15.98
DGRC-3	Red	15.98

Unmounted Letters and Numbers

3M™ High Intensity Prismatic Reflective Sheeting

Series 3930

Cut-out letters and numbers for the production of signs made with 3M™ reflective sheeting.

Letter Styles Used In Different Series



	Series A	Series B	Series C	Series D	Series E
Height	4"	4"	4"	4"	4"
Width	1-1/2"	1-11/16"	2-3/16"	2-11/16"	3-3/16"
Stroke Width	3/8"	1/2"	9/16"	5/8"	11/16"
Height	5"	5"	5"	5"	5"
Width	1-7/8"	2-7/64"	2-47/64"	3-23/64"	3-63/64"
Stroke Width	15/32"	5/8"	45/64"	25/32"	55/64"
Height	4"	6"	6"	6"	6"
Width	2-1/4"	2-17/32"	3-9/32"	4-1/32"	4-25/32"
Stroke Width	9/16"	3/4"	27/32"	15/16"	1-1/32"

Standard Packages of Characters

Unmounted upper case or lower case cut-out letters and numbers made from 3M™ High Intensity Prismatic Reflective Sheeting white. 25 identical per package. Indicate letter or number.

Cut-out Upper Case Letters and Numbers

3930	Net Price 2"	Net Price 3"	Net Price 4"	Net Price 5"	Net Price 6"	Net Price 8"	Net Price 10"
FHWA Series B	N/A	SQ	\$ 16.67	\$ 23.11	SQ	SQ	SQ
FHWA Series C	\$ 8.57	\$ 12.53	16.67	23.11	\$ 29.78	\$ 46.92	\$ 68.34
FHWA Series D	SQ	SQ	SQ	27.47	35.14	55.28	81.13
FHWA Series E	SQ	SQ	SQ	SQ	SQ	N/A	N/A

Cut-Out Lower Case Letters and Numbers

3930	Net Price 3-3/4"	Net Price 4-1/2"	Net Price 6"
FHWA Series C	\$ 18.73	\$ 23.74	\$ 36.48
FHWA Series D	SQ	27.16	N/A

SQ items and sizes and series not shown are available on a special quotation basis only. Minimum sizes available are 2" series C upper case and 1-1/2" series C lower case.

Empty Font Boxes

Small font boxes are used for storing characters 4" high or less. The box measures 25-1/2" long x 13-1/4" wide x 5-1/4" high and contains 27 individual slots.

Large font boxes are used for storing 5" and 6" high characters. The box measures 26-1/2" long x 20" wide x 8-3/4" high and contains 27 individual slots.

Description	Net Price
Small Font Box	\$ 32.63
Large Font Box	38.17

3M™ High Intensity Cone Sheeting Series 3840

Die Cut Cone Sleeves

A plasticizer-resistant, encapsulated lens sheeting with pressure sensitive adhesive backing for reflectorizing polyvinyl chloride (PVC) traffic cones used in work zones.

Additional Information:

- Vinyl traffic cones properly reflectorized with Series 3840 sheeting comply with Manual on Uniform Traffic Control Devices (MUTCD) requirements for highway and utility use
- Displays the international worker symbol in a triangle for easy identification
- Made specifically for the shape and chemistry of PVC traffic cones
- Unique design provides excellent wide angle reflectivity, giving the cone its full width appearance at night
- Motorists benefit from optimal reflectivity and cone size both day and night

Code	Description	Net Price Per Carton
3840 6a	6" Reflective Sleeve	\$ 272.16
3840 4a	4" Reflective Sleeve	238.68
3840 6b	6" Reflective Sleeve	282.96
3840 4b	4" Reflective Sleeve	248.40
3840 6c	6" Reflective Sleeve	284.04
3840 4c	4" Reflective Sleeve	293.76
3840 6d	6" Reflective Sleeve	289.04
3840 4d	4" Reflective Sleeve	293.76
3840 6e	6" Reflective Sleeve	295.92
3840 4e	4" Reflective Sleeve	305.64
3840 6f	6" Reflective Sleeve	216.00
3840 4f	4" Reflective Sleeve	206.28
3840 6g	6" Reflective Sleeve	224.64
3840 4g	4" Reflective Sleeve	214.92
3840 6h	6" Reflective Sleeve	258.38
3840 4h	4" Reflective Sleeve	231.35

Cone sleeves are packaged 100 pieces per carton.
Minimum order 100 pieces, no broken cartons allowed.
Reflective sleeves are designed to meet the federal MUTCD requirements of a 6" upper band and a 4" lower band.

Cone Sleeve Selection Chart on next page

Cone Sleeve Selection Chart

Product Code	Size	3840		3840		3840		3840		3840		3840		3840		3840	
		6a	4a	6b	4b	6c	4c	6d	4d	6e	4e	6f	4f	6g	4g	6h	4h
JBC																	
	36" Standard	x	x														
	28" Standard					x	x										
	28" Recessed (7 lb.)					x	x										
	18" Slim											x	x				
Lakeside Plastics																	
3650	36"	x	x														
2850-7	28"					x	x										
2850-8	28"					x	x										
2850-10	28"					x	x										
2825-5	28" Slim											x	x				
2825-7	28" Slim											x	x				
2825-10	28" Slim											x	x				
No Code	18"					x											
Radiator Specialty Highway Safety Products																	
36 PO	36"			x	x												
4336	36"	x	x														
28 PO	28"			x	x												
4328	28"					x	x										
4328-10	28"							x	x								
28 PO	28" Slim													x	x		
4328E-5	28" Slim											x	x				
4328E-10	28" Slim											x	x				
No Codes	18"					x											
Jackson Products																	
TC36W	36"	x	x														
TC36DW	36"	x	x														
TC28DW	28"					x	x										
TC28F	28"									x	x						
TC28FL	28"									x	x						
TC28FH	28"													x	x		
TC28DWFH	28"													x	x		
TC28W	28"							x	x								
TC28W Flag Insert	28"							x	x								
TC18W	18"							x								x	x
TC18DW	18"							x								x	x
Work Area Protection																	
36" P.V.C.S.	36"	x	x														
28" P.V.C.	28"					x	x										
P.U.C.T.L.	28"											x	x				
No Code	18"					x											

Pavement Markings

Following are illustrations of pavement marking pre-cut, packaged legends and symbols available from 3M. Order codes are shown in each pavement marking series.



"SCHOOL" Legend
12 Pieces



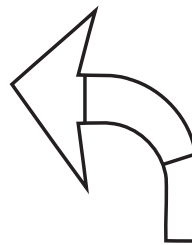
Letter "R"
72" x 11-1/2" for
Railroad Crossing
1 Piece



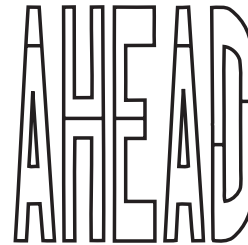
SMS L380-RP-78
Railroad Crossing Kit
2 "R's" and one
16 x 42' Roll
3 Pieces



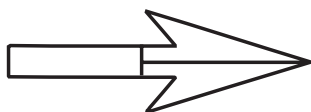
SMS L380-RP
Railroad Crossing Kit
2 "R's" and one
16 x 42' Roll
3 Pieces



Right or Left
Curve Arrow
3 Pieces



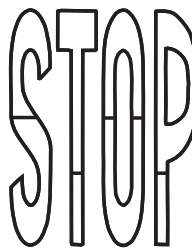
"AHEAD" Legend
10 Pieces



Straight Arrow
3 Pieces



"ONLY" Legend
9 Pieces



"STOP" Legend
8 Pieces



"XING" Legend
9 Pieces

3M™ Stamark™ High Performance Tape

Series 380I

A highly reflective patterned pavement marking tape designed for use as lane lines, longitudinal lines, gore markings, symbols and legend markings. Series 380I can also be used as a transverse marking in low to medium shear, light truck traffic intersections as a crosswalk or stop bar marking.

Additional Information:

- Product design results in long-term reflectivity
- Covered by 3M warranty
- May be used as inlay marking on new asphalt surfaces
- Good performance on concrete pavement surfaces in good condition
- Excellent yellow color day and night
- See Product Bulletin 380I for details



		\$ 4.57/sq. ft.	\$ 4.57/sq. ft.	\$ 5.19/sq. ft.	\$ 5.19/sq. ft.
U.S. Customary Roll Size	Metric Roll Size	Adhesive Coated Non-Linered A380I White Net Price Per Roll	Adhesive Coated Non-Linered A381I Yellow Net Price Per Roll	Adhesive Coated Linered L380I White Net Price Per Roll	Adhesive Coated Linered L381I Yellow Net Price Per Roll
4" x 30 yds.	100mm x 27m	\$ 137.10 *	\$ 137.10 *	N/A	N/A
6" x 30 yds.	150mm x 27m	205.65 *	205.65	N/A	N/A
8" x 30 yds.	200mm x 27m	274.20 *	274.20 *	N/A	N/A
10" x 30 yds.	250mm x 27m	342.75	342.75	N/A	N/A
12" x 30 yds.	300mm x 27m	411.30 *	411.30 *	\$ 467.10	\$ 467.10
16" x 30 yds.	400mm x 27m	548.40	N/A	622.80	622.80
24" x 30 yds.	600mm x 27m	822.60 *	822.60	934.20 *	934.20
4" x 110 yds.	100mm x 100m	502.70 *	502.70 *	N/A	N/A
5" x 110 yds.	125mm x 100m	628.38 *	628.38 *	N/A	N/A
6" x 110 yds.	150mm x 100m	754.05 *	754.05 *	N/A	N/A

* Item in stock, will ship within 2 business days or less, up to 100 rolls, when order is placed with 3M Customer Service by 1:00 PM CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 100 rolls please contact your customer service representative for ship date.

Symbols and Legends

Series L380I

Pre-cut pavement marking symbols and legends made from 3M™ Stamark™ High Performance Tape 380I white with pressure sensitive adhesive and liner. Metric design.



Code	Description	Size	Quantity Per Package	Estimated Sq. Ft** Per Package	Estimated Sq. M** Per Package	Net Price Per Package
SMS-L380-I-SA	Straight Arrow	115.2" x 38.4"	2 / 4	25 / 50	2.3 / 4.6	\$ 208.00 / 416.00 *
SMS-L380-I-LA	Left Curve Arrow	96" x 73"	2 / 4	31 / 62	2.9 / 5.8	310.82 / 621.64 *
SMS-L380-I-RA	Right Curve Arrow	96" x 73"	2 / 4	31 / 62	2.9 / 5.8	310.82 / 621.64 *
SMS-L380-I-ON	"ONLY" Legend	8' High	1 / 2	23 / 46	2.1 / 4.2	247.87 / 495.74 *
SMS-L380-I-RX	Railroad Crossing Pkg. Consists of: 2 "R's" 72" and One Roll 16" x 42' For "x"			69	6.4	476.64
SMS-L380-I-SC	"SCHOOL" Legend	8' High	1	35	3.3	408.83
SMS-L380-I-R	Letter "R" For Railroad Crossing	72" x 11-1/2"	2	11.5	1.1	121.05
SMS-L380-I-R-78	Letter "R" For Railroad Crossing	78-3/4" x 11-1/2"	2	12.5	1.2	135.45
SMS-L380-I-RP-78	Railroad Crossing Pkg. Consists of: 2 "R's" 78-3/4" and One Roll 16" x 42' For "x"			70	6.5	491.06
SMS-L380-I-ST	"STOP" Legend	8' High	1	23.5	2.2	271.62
SMS-L380-I-XI	"XING" Legend	8' High	1	20	1.9	294.77
SMS-L380-I-AH	"AHEAD" Legend	8' High	1	29	2.7	351.98

* Item in stock, will ship within 2 business days or less, up to 25 packages, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 25 packages please contact your customer service representative for ship date.

** Square footage for estimating adhesive usage requirements.

Non-stock items typically ship within 4 business days.

Stamark™ Contact Cement E-44T is recommended for intersection use and Stamark™ Surface Preparation Adhesive P-50 is recommended for long line use with Series 380I tapes.

For symbols and legends not listed here, please contact 3M's Bid and Quote department at 1-800-563-1380 prompt 2.

3M™ Stamark™ Tape For Bike Path Markings

Series 380I

3M on- and off-street bike path markings provide an added measure of safety and awareness for cyclists, motorists and pedestrians.

Code	Description	Quantity Per Package	Estimated Sq. Ft. Per Package	Estimated Sq. M. Per Package	Net Price Per Package
L380 - 4 Foot High Legends					
SMS-L380I-B4	"BIKE" Legend	1	9	0.8	135.39
SMS-L380I-L4	"LANE" Legend	1	11	1	158.62
SMS-L380I-O4	"ONLY" Legend	1	11	1	159.60
L380 -8 Foot High Legends					
SMS-L380I-B8	"BIKE" Legend	1	24	2.2	256.47
SMS-L380I-L8	"LANE" Legend	1	23	2.1	250.56
L380 -Symbols					
SMS-L380I-A6	6 Ft. Straight Arrow	2	13	1.2	101.81 *
SMS-L380I-P6	6 Ft. Preferential Lane	2	6	0.6	61.31
SMS-L380I-K4	4 Ft. Bicycle 48.75" x 25"	2	18	1.7	150.20 *
SMS-L380I-K8	8 Ft. Bicycle 96" x 49.25"	2	52	4.8	369.65

* Item in stock, will ship within 2 business days or less, up to 25 packages, when order is placed with 3M Customer Service by 1:00 CST.

All orders are subject to 3M Credit approval. For orders over 25 packages please contact your customer service representative for ship date.

Non-stock items typically ship within 4 business days.

3M™ Stamark™ High Performance Tape

Series 380I ES

A highly reflective patterned pavement marking tape designed for use as lane lines, longitudinal lines, gore markings, symbols and legend markings. Series 380I ES can also be used as a transverse marking in low to medium shear traffic intersections as a crosswalk or stop bar marking.

	\$ 4.71/sq. ft.	\$ 5.34/sq. ft.	\$ 4.71/sq. ft.	\$ 5.34/sq. ft.
U.S. Customary Roll Size	Adhesive Non-Linered A380I ES White Net Price Per Roll	Adhesive Liner L380I ES White Net Price Per Roll	Adhesive Non-Linered A381I ES Yellow Net Price Per Roll	Adhesive Liner L381I ES Yellow Net Price Per Roll
4" x 25 yds.	\$ 117.75 *	N/A	\$ 117.75 *	N/A
5" x 25 yds.	147.19	N/A	147.19	N/A
6" x 25 yds.	176.63 *	N/A	176.63	N/A
8" x 25 yds.	235.50 *	N/A	235.50	N/A
10" x 25 yds	294.38 *	N/A	294.38	N/A
12" x 25 yds.	353.25 *	\$ 400.50	353.25 *	\$ 400.50
16" x 25 yds	471.00	534.00	N/A	534.00
18" x 25 yds	529.88	N/A	N/A	N/A
24" x 25 yds.	706.50 *	801.00 *	706.50 *	801.00
4" x 100 yds.	471.00 *	N/A	471.00 *	N/A
5" x 100 yds.	588.75 *	N/A	588.75 *	N/A
6" x 100 yds.	706.50 *	N/A	706.50 *	N/A

* Item in stock, will ship within 2 business days or less, up to 100 rolls, when order is placed with 3M Customer Service by 1:00 CST.

All orders are subject to 3M Credit approval. For orders over 100 rolls please contact your customer service representative for ship date.

Non-stock items typically ship within 4 business days.

Symbols and Legends

Series L380I ES

Pre-cut pavement marking symbols made from 3M™ Stamark™ High Performance Tape 380I ES white with pressure sensitive adhesive and liner.

Code	Description	Size	Quantity Per Package	Estimated Sq. Ft** Per Package	Net Price Per Package
SMS-L380IES-SA	Straight Arrow	115.2" x 38.4"	2 / 4	25 / 50	\$ 226.12 / 452.24 *
SMS-L380IES-LA	Left Curve Arrow	96" x 73"	2 / 4	31 / 62	334.83 / 669.66 *
SMS-L380IES-RA	Right Curve Arrow	96" x 73"	2 / 4	31 / 62	334.83 / 669.66 *
SMS-L380IES-ON	"ONLY" Legend	8' High	1 / 2	23 / 46	267.05 / 534.10 *
SMS-L380IES-K4	4 ft. Bicycle Symbol	48.75" x 25"	2	18	163.94 *
SMS-L380IES-R	Letter "R" For Railroad Crossing	72" x 11-1/2"	2	11.5	137.03
SMS-L380IES-R-78	Letter "R" For Railroad Crossing	78-3/4" x 11-1/2"	2	12.5	147.64
SMS-L380IES-RP	Railroad Crossing Pkg. Consists of: 2 "R's" 72" and One Roll 16" x 42' For "X"			69	526.40*
SMS-L380IES-RP-78	Railroad Crossing Pkg. Consists of: 2 "R's" 78-3/4" and One Roll 16" x 42' For "X"			70	535.26
SMS-L380IES-SC	"SCHOOL" Legend	8' High	1	35	438.94
SMS-L380IES-ST	"STOP" Legend	8' High	1	23.5	291.75
SMS-L380IES-XI	"XING" Legend	8' High	1	20	313.74
SMS-L380IES-AH	"AHEAD" Legend	8' High	1	29	377.32
SMS-L380IES-A6	6 ft. Straight Bicycle Arrow		2	13	115.53 *
SMS-L380IES-K8	8 ft. Bicycle Symbol	96" x 49.25"	2	52	407.44

* Item in stock, will ship within 2 business days or less, up to 25 packages, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 25 packages please contact your customer service representative for ship date.

** Square footage for estimating adhesive usage requirements when outside of current pavement marking tape climate guide.

Non-stock items typically ship within 4 business days.

3M™ Stamark™ Surface Preparation Adhesive P-50 is recommended for Series 380I ES tape for use outside of current climate guide.

For symbols and legends not listed here, please contact 3M's Bid and Quote department at 1-800-563-1380 prompt 2.

3M™ Stamark™ High Performance Contrast Marking Tape

Series 380I-5 – White/Black

Series 381I-5 – Yellow/Black

Durable, highly reflective, patterned marking tape with black borders on white and yellow center. For application as lane lines on light-colored asphalt or Portland concrete cement surfaces to improve contrast and visibility.

Additional Information:

- Product design results in long-term reflectivity
- Covered by 3M warranty
- Excellent yellow color day and night
- May be used as inlay marking on new asphalt surfaces
- Good performance on concrete pavement surfaces in good condition
- See Product Bulletin 380I-5 for detail



			\$ 4.87/sq. ft.	\$ 4.87/sq. ft.
Roll Size		Metric Roll Size	A380-5 Net Price Per Roll	A381-5 Net Price Per Roll
7" x 50 yds.	4" white or yellow, 1-1/2" black border	180mm x 46m	\$ 426.12 *	\$ 426.12
8" x 50 yds.	5" white or yellow, 1-1/2" black border	200mm x 46m	487.00	487.00
9" x 50 yds.	6" white or yellow, 1-1/2" black border	230mm x 46m	547.87 *	547.87
11" x 50 yds.	8" white or yellow 1-1/2" black border	280mm x 46m	669.62	669.62 *

* Item in stock, will ship within 2 business days or less, up to 100 rolls, when order is placed with 3M Customer Service by 1:00 CST.

All orders are subject to 3M Credit approval. For orders over 100 rolls please contact your customer service representative for ship date.

Non-stock items typically ship within 4 business days.

3M™ Stamark™ Contrast Marking Tape

Series 380I-5 ES – White/Black

Series 381I-5 ES – Yellow/Black

Durable, highly reflective, patterned pavement marking tape with black borders on white and yellow center. For application as lane lines on light-colored ACC or PCC surfaces to improve contrast and visibility.

			\$ 5.10/sq. ft.	\$ 5.10/sq. ft.
U.S. Customary Roll Size			A380-5 ES (White) Net Price Per Roll	A381-5 ES (Yellow) Net Price Per Roll
7" x 50 yds.	4" white or yellow, 1-1/2" black border		\$ 446.25 *	\$ 446.25
8" x 50 yds.	5" white or yellow, 1-1/2" black border		510.00 *	510.00
9" x 50 yds.	6" white or yellow, 1-1/2" black border		573.75	573.75
11" x 50 yds.	8" white or yellow 1-1/2" black border		701.25	701.25

* Item in stock, will ship within 2 business days or less, up to 25 packages, when order is placed with 3M Customer Service by 1:00 CST.

All orders are subject to 3M Credit approval. For orders over 25 packages please contact your customer service representative for ship date.

Non-stock items typically ship within 4 business days.

3M™ Stamark™ Surface Preparation Adhesive P-50 is recommended for Series 380I-5 ES tape for use outside of the current climate guide.

3M™ Stamark™ High Performance Tape

Series A385 ES Black

Series A385 black is used for making contrast lines, arrows, and legends.

Rolls	\$ 3.83/sq. ft.
Size	A385 ES Black Net Price Per Roll
48" x 25 yds.	\$ 1,149.00

Minimum width available to slit is 48". No additional charge to slit full web width (to minimum of 4" width.)

All orders are kut items and can take up to 6 weeks for delivery.

Minimum order

The minimum acceptable order dollar volume for TSS is \$1,000 and is for materials only. A shipping and handling fee of \$75 will be charged for orders placed below the minimum order requirement.

Pavement
Markings

3M™ Stamark™

Tape 270 ES White

A durable patterned pavement marking tape designed for use as a transverse marking in low to medium shear, light truck traffic intersections as a crosswalk or stop bar marking. 3M™ Stamark™ Tape 270 ES can also be used as lane lines, gore markings, and symbols and legends markings.

\$ 2.49/sq. ft.

\$ 2.66/sq. ft.

U.S. Customary Roll Size	Adhesive Coated Non-Linered A270 ES White Net Price Per Roll	Linered L270 ES White Net Price Per Roll
4" x 25 yds.	\$ 62.25 *	N/A
6" x 25 yds.	93.38 *	N/A
8" x 25 yds.	124.50 *	N/A
12" x 25 yds.	186.75 *	N/A
16" x 25 yds.	249.00	N/A
18" x 25 yds.	280.13	N/A
24" x 25 yds.	373.50 *	\$ 399.00 *
48" x 25 yds.	N/A	798.00

* Item in stock, will ship within 2 business days or less, up to 100 rolls, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

Symbols and Legends

L270 ES

Pre-cut pavement marking symbols made from 3M™ Stamark™ Tape 270 ES white with pressure sensitive adhesive and liner.

Code	Description	Size	Quantity Per Package	Estimated Sq. Ft** Per Package	Net Price Per Package
SMS-L270ES-SA	Straight Arrow	115.2" x 38.4"	2	25	\$ 142.44 *
SMS-L270ES-LA	Left Curve Arrow	96" x 73"	2	31	198.50 *
SMS-L270ES-RA	Right Curve Arrow	96" x 73"	2	31	198.50 *
SMS-L270ES-ON	"ONLY" Legend	8'	1	23	159.50 *
SMS-L270ES-SC	"SCHOOL" Legend	8'	1	35	275.01
SMS-L270ES-R	Letter "R" For Railroad Crossing	72" x 11-1/2"	2	11.5	100.93
SMS-L270ES-R-78	Letter "R" For Railroad Crossing	78-3/4" x 11-1/2"	2	12.5	116.00
SMS-L270ES-RP	Railroad Crossing Pkg. Consists of: 2 "R's" 72" and One Roll 16" x 42' For "x"		69	6.4	415.55
SMS-L270ES-RP-78	Railroad Crossing Pkg. Consists of: 2 "R's" 78-3/4" and One Roll 16" x 42' For "x"		70	6.5	438.34
SMS-L270ES-ST	"STOP" Legend	8'	1	23.5	184.30
SMS-L270ES-XI	"XING" Legend	8'	1	20	201.33
SMS-L270ES-AH	"AHEAD" Legend	8'	1	29	232.39
SMS-L270ES-K4	4 Ft. Bicycle	48.75" x 25"	2	18	106.56
SMS-L270ES-A6	6 Ft. Straight Arrow	6"	2	13	72.50
SMS-L270ES-K8	8 Ft. Bicycle	96" x 49.25"	2	52	264.84

* Item in stock, will ship within 2 business days or less, up to 25 rolls, when order is placed with 3M Customer Service by 1:00 CST.

** Square footage for estimating adhesive usage requirements when outside of current pavement marking tape climate guide.

Non-stock items typically ship within 4 business days.

3M™ Stamark™ Surface Preparation Adhesive P-50 is recommended for Series 270 ES tape for use outside of 3M Climate Guide.

For legends and symbols not listed here, please contact Bid/Quote department for pricing.

3M™ Stamark™ Intersection Grade Tape

420

Durable, conformable, reflective pavement marking tape for high-shear, high-wear areas such as crosswalks, stop bars, gore markings and symbols and legends. Apply as inlay on new asphalt or overlay on most pavement surfaces. See Product Bulletin 420 for details.



Pavement
Markings

Standard Rolls

\$ 4.55/sq. ft.

\$ 5.20/sq. ft.

\$ 3.65/sq. ft.

U.S. Customary Roll Size	Metric Roll Size	Adhesive Coated Non-Lined A420 White Net Price Per Roll	Lined L420 White Net Price Per Roll	Non-Adhesive Non-Lined N420 Net Price Per Roll
4" x 30 yds.	100mm x 27m	\$ 136.50 *	N/A	\$ 109.50
6" x 30 yds.	150mm x 27m	204.75 *	N/A	164.25
8" x 30 yds.	200mm x 27m	273.00 *	N/A	219.00
12" x 30 yds.	300mm x 27m	409.50 *	\$ 468.00	328.50
16" x 30 yds.	400mm x 27m	546.00	624.00	438.00
18" x 30 yds.	450mm x 27m	614.25 *	N/A	N/A
24" x 30 yds.	600mm x 27m	819.00	936.00 *	657.00

* Item in stock, will ship within 2 business days or less, up to 100 rolls, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 100 rolls please contact your customer service representative for ship date.

Symbols and Legends

L420 White - Metric Design With Pressure Sensitive Adhesive

Pre-cut metric design pavement marking symbols and legends made from 3M™ Stamark™ Intersection Grade Tape 420 white with pressure sensitive adhesive and liner. Use E-44T contact cement for application.

Pavement
Markings

Code	Description	Size	Quantity Per Package	Estimated Sq. Ft** Per Package	Estimated Sq. M** Per Package	Net Price Per Package
SMS-L420-SA	Straight Arrow	115.2" x 38.4"	2 / 4	25 / 50	2.3 / 4.6	\$ 197.61 / 395.22 *
SMS-L420-LA	Left Curve Arrow	96" x 73"	2 / 4	31 / 62	2.9 / 5.8	297.38 / 594.72 *
SMS-L420-RA	Right Curve Arrow	96" x 73"	2 / 4	31 / 62	2.9 / 5.8	297.38 / 594.72 *
SMS-L420-ON	"ONLY" Legend	8' High	1 / 2	23 / 46	2.1 / 4.2	236.63 / 473.26 *
SMS-L420-SC	"SCHOOL" Legend	8' High	1	35	3.3	379.55
SMS-L420-R	Letter "R" For Railroad Crossing	72" x 11-1/2"	2	11.5	1.1	112.37
SMS-L420-R-78	Letter "R" For Railroad Crossing	78-3/4" x 11-1/2"	2	12.5	1.2	127.48
SMS-L420-RP	Railroad Crossing Pkg. Consists of: 2 "R's" 72" and One Roll 16" x 42" For "x"			69	6.4	442.44
SMS-L420-RP-78	Railroad Crossing Pkg. Consists of: 2 "R's" 78-3/4" and One Roll 16" x 42" For "x"			70	6.5	457.50
SMS-L420-ST	"STOP" Legend	8' High	1	23.5	2.2	252.18
SMS-L420-XI	"XING" Legend	8' High	1	20	1.9	273.58
SMS-L420-AH	"AHEAD" Legend	8' High	1	29	2.7	326.74

* Item in stock, will ship within 2 business days or less, up to 25 packages, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 25 packages please contact your customer service representative for ship date.

** Square footage for estimating adhesive usage requirements.

Stamark™ Contact Cement E-44T is recommended for use with Series 420 tapes.

For symbols and legends not listed here, please contact 3M's Bid and Quote department at 1-800-563-1380 prompt 2.

3M™ Stamark™ Tape

Series 5730

Durable, conformable, reflective, pavement marking tape with high-quality polymeric materials, pigments and glass beads for lane and edge lines, symbols and legends. Inlay or overlay. See Product Bulletin 5730 for detail.

Series 5760

Durable, conformable, reflective, pavement marking tape with high-quality polymeric materials, pigments and glass beads used as an overlay marking on most pavement surfaces. See Product Bulletin 5760 for detail.

Series 6330

Durable, conformable, reflective, pavement marking tape with high-quality polymeric materials, pigments and glass beads used to cut symbols and legends. Inlay or overlay application. See Product Bulletin 5730 for detail.

Rolls

U.S. Customary Roll Size	Metric Roll Size	\$ 3.92/sq. ft.	\$ 3.18/sq. ft.	\$ 4.51/sq. ft.
		Adhesive Coated Non-Lined 5730 White 5731 Yellow Net Price Per Roll	Non-Adhesive Coated Non-Lined 5760 White Net Price Per Roll	Adhesive Coated Lined 6330 White Net Price Per Roll
4" x 30 yds.	100mm x 27m	\$ 117.60 W*Y*	N/A	\$ 135.30
6" x 30 yds.	150mm x 27m	176.40 W*	\$ 143.10	N/A
8" x 30 yds.	200mm x 27m	235.20 W*	N/A	N/A
12" x 30 yds.	300mm x 27m	352.80 W*Y*	286.20	405.90
16" x 30 yds.	400mm x 27m	470.40 W*	N/A	541.20 *
18" x 30 yds.	450mm x 27m	529.20 W*	N/A	N/A
24" x 30 yds.	600mm x 27m	705.60 W*Y*	N/A	811.80 *
48" x 30 yds.	1200mm x 27m	N/A	N/A	1,623.60 *
4" x 120 yds.	100mm x 110m	470.40 W*Y*	N/A	N/A
6" x 120 yds.	150mm x 110m	705.60 W*	N/A	N/A

W - 5730 White
Y - 5731 Yellow

* Item in stock, will ship within 2 business days or less, up to 100 rolls, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 100 rolls please contact your customer service representative for ship date.

Symbols and Legends

Series 6330 White

Pre-cut pavement marking symbols and legends made from 3M™ Stamark™ Tape 6330 white with pressure sensitive adhesive and liner. Metric design.

Pavement Markings

Code	Description	Size	Quantity Per Package	Estimated Sq. Ft** Per Package	Estimated Sq. M** Per Package	Net Price Per Package
SMS 901M	Straight Arrow	115.2" x 38.4"	2 / 4	25 / 50	2.3 / 4.6	128.67 / 257.31 *
SMS 901-SE	Elongated Straight		2			100.64
SMS 902LM	Left Curve Arrow	96" x 73"	2 / 4	31 / 62	2.9 / 5.8	180.03 / 360.07 *
SMS 901-LE	Elongated Left		2			177.00
SMS 902RM	Right Curve Arrow	96" x 73"	2 / 4	31 / 62	2.9 / 5.8	180.03 / 360.07 *
SMS 901-RE	Elongated Right		2			177.00
SMS 904M	"ONLY" Legend	8' High	1 / 2	23 / 46	2.1 / 4.2	143.21 / 286.42 *
SMS 908M	"SCHOOL" Legend	8' High	1	35	3.3	250.02 *
SMS 915M	Railroad Crossing Pkg. Consists of: 2 "R's" 72" and One Roll 16" x 42' For "X"			69	6.4	384.76 *
SMS 907M	"XING" Legend	8' High	1	20	1.9	184.71
SMS 910M	"AHEAD" Legend	8' High	1	29	2.7	211.26
SMS 914M	Letter "R" For Railroad Crossing	72" x 11-1/2"	2	11.5	1.1	91.75
SMS 914M 78	Letter "R" For Railroad Crossing	78-3/4" x 11-1/2"	2	12.5	1.2	105.45
SMS 915M 78	Railroad Crossing Pkg. Consists of: 2 "R's" 78-3/4" and One Roll 16" x 42' For "X"			70	6.5	398.49
SMS 916M	"STOP" Legend	8' High	1	23.5	2.2	167.55

* Item in stock, will ship within 2 business days or less, up to 25 packages, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 25 packages please contact your customer service representative for ship date.

** Square footage for estimating adhesive usage requirements.

Stamark™ Contact Cement E-44T is recommended for intersection use and Stamark™ Surface Preparation Adhesive P-50 is recommended for long line use with Series 5730 & 5760 tapes.

For symbols and legends not listed here, please contact 3M's Bid and Quote department at 1-800-563-1380 prompt 2.

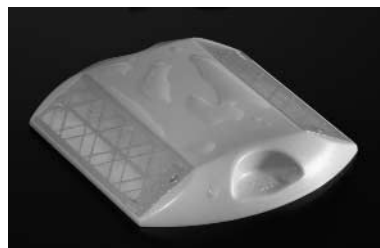
3M™ Raised Pavement Markers

Series 290

Durable, highly reflective 3M™ Markers may be applied to asphalt and Portland cement concrete road surfaces. Impact and weather resistant. Diamond Grade™ microprismatic optics provide excellent wet and dry reflectance.

Additional Information:

- Engineered thermoplastic body
- Molded-in body colors
- Lightweight
- Application finger grips
- Compatible with standard bitumen and epoxy adhesives
- See Product Bulletin 290 for detail



Code	Body Color	Lens Description	Net Price Per Carton 100/Carton
RPM-290-W	White	One-way white lens	\$ 99.00 *
RPM-290-2W	White	Two-way white lens	110.00 *
RPM-290-WR	White	Two-way white/red lens	110.00 *
RPM-291-Y	Yellow	One-way yellow lens	110.00 *
RPM-291-2Y	Yellow	Two-way yellow lens	110.00 *
RPM-295-2B	Blue	Two-way blue lens	154.00

* Item in stock, will ship within 2 business days, up to 100 cartons, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 100 cartons please contact your customer service representative for ship date.

Other color combinations are available. Contact St.Paul for quote.

The recommended Bitumen adhesive for 3M Brand Raised Pavement Markers Series 290 is Craftco Inc Standard Pavement Marking Adhesive, part number 34269.

It can be ordered from:

Craftco Inc.
420 Roosevelt Ave.
Chandler, AZ 85226
800-528-8242
Fax 480-961-0513

3M™ Pressure Sensitive Adhesive Marker

Series 290 PSA

Applied with pressure sensitive adhesive. Designed for application on asphalt and Portland cement concrete road surfaces. These markers provide highly effective, long-life visibility, particularly at night and in wet weather.

Pavement
Markings

Code	Body Color	Lens Description	Net Price Per Carton 100/Carton
RPM PSA-290-W	White	One-way white lens	\$ 165.00 *
RPM PSA-290-WR	White	Two-way white/red lens	176.00 *
RPM PSA-291-Y	Yellow	One-way yellow lens	165.00
RPM PSA-291-2Y	Yellow	Two-way yellow lens	176.00 *
RPM PSA-295-2B	Blue	Two-way blue lens	220.00 *
RPM PSA-297-G	Green	One-way green lens	209.00
RPM PSA-297-2G	Green	Two-way green lens	220.00

* Item in stock, will ship within 2 business days, up to 25 cartons, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 25 cartons please contact your customer service representative for ship date.

3M™ Snowplowable Raised Pavement Markers

Series 190, 194, 198

Markers to fit a wide range of cast-iron housings. Durable polycarbonate body is impact and weather resistant. Diamond Grade™ microprismatic optics provide excellent wet and dry reflectance.

Series 190 markers measure 48mm in width.

Series 198 markers measure 42mm in width.

Series 194 markers measure 21.5mm in width

Additional Information:

- Lens hardcoat
- Independent cell structure
- Polycarbonate body and lens
- Computer-aided ribbed design

Code	Body Color	Lens Description	Net Price Per Carton 100/Carton	Net Price Per Carton 600/Carton
RPM-190-W	Black	One-way white lens	\$ 137.50 *	—
RPM-198-W	Black	One-way white lens	137.50	—
RPM-190-Y	Black	One-way yellow lens	137.50 *	—
RPM-198-Y	Black	One-way yellow lens	137.50	—
RPM-190-2W	Black	Two-way white lens	148.50	—
RPM-198-2W	Black	Two-way white lens	148.50	—
RPM-190-2Y	Black	Two-way yellow lens	148.50 *	—
RPM-198-2Y	Black	Two-way yellow lens	148.50	—
RPM-190-WR	Black	Two-way white/red lens	148.50 *	—
RPM-198-WR	Black	Two-way white/red lens	148.50	—
RPM-190-YR	Black	Two-way yellow/red lens	148.50	—
RPM-198-YR	Black	Two-way yellow/red lens	148.50	—
RPM-194-W	Black	One-way white lens	—	\$ 990.00
RPM-194-Y	Black	One-way yellow lens	—	990.00

* Item in stock, will ship within 2 business days, up to 100 cartons, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 100 cartons please contact your customer service representative for ship date.

3M™ Stamark™ Wet Reflective Removable Tape

Series 750

Highly reflective conformable pavement marking material intended for longitudinal line applications in highway construction work zones where removability is required. Remains visible in rain conditions. The tape is designed to perform for the duration of the normal construction season. See Product Bulletin 750 for detail.



750 White
751 Yellow
\$ 2.97/sq. ft.

Roll Size	Metric Roll Size	Net Price Per Roll
4" x 50 yds.	100mm x 46m	\$ 148.50
5" x 50 yds.	125mm x 46m	185.63
6" x 50 yds.	150mm x 46m	222.75
4" x 150 yds.	100mm x 137m	445.50 *
5" x 150 yds.	125mm x 137m	556.88
6" x 150 yds.	150mm x 137m	668.25 *

* Item in stock, will ship within 2 business days or less, up to 35 rolls, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 35 rolls please contact your customer service representative for ship date.

Pavement
Markings

3M™ Stamark™ Removable Black Line Mask

Series 145

Black, removable tape with pressure sensitive adhesive for masking existing long lines and gore markings. Easily removed after use. See Product Bulletin 145 for detail.

\$ 3.39/sq. ft.

U.S. Customary Roll Size	Metric Roll Size	Net Price Per Roll
6" x 25 yds.	150mm x 23m	\$ 127.13 *
6" x 80 yds.	150mm x 73m	406.80 *
8" x 25 yds.	200mm x 23m	169.50
8" x 80 yds.	200mm x 73m	542.40 *

* Item in stock, will ship within 2 business days or less, up to 25 rolls, when order is placed with 3M Customer Service by 1:00 CST.

Non-stock items typically ship within 4 business days.

All orders are subject to 3M Credit approval. For orders over 25 rolls please contact your customer service representative for ship date.

3M™ Stamark™ Contact Cement E-44T

For use with Stamark™ Tapes Series 380I, 420, 5730 and 5760

Contact cement used to improve adhesion of Stamark™ Tapes Series 380I, 420, 5730, and 5760. Coverage is 75 sq ft per gallon for adhesive coated materials and 25 sq ft per gallon for non-adhesive coated.

Description	Net Price Per Container
1 Gallon Container (Air-shippable)	\$ 46.07 *
5 Gallon Container (Cannot be air-shipped.)	170.43 *

**75 Sq. Ft. Per Gallon Coverage for Adhesive Coated and
25 Sq. Ft. For Non-adhesive.**

* Item in stock, will ship within 2 business days or less, up to 50 containers, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 50 containers please contact your customer service representative for ship date.

3M™ Stamark™ Surface Preparation Adhesive P-50

Surface Preparation Adhesive used to improve the adhesion of all Stamark™ tapes when applied for longitudinal pavement markings.

Description	Net Price Per Container
1 Gallon Container (Air-shippable)	\$ 41.88 *
5 Gallon Container (Cannot be air-shipped)	154.94 *

Coverage of 150 sq. ft. per gallon.

* Item in stock, will ship within 2 business days or less, up to 50 containers, when order is placed with 3M Customer Service by 1:00 CST. All orders are subject to 3M Credit approval. For orders over 50 containers please contact your customer service representative for ship date.

Hand Applicators and Accessories

Applicators

25 Applicators Per Carton

Roll Size	Item	Net Price	A	B	C	D
PA-1	Blue Applicator	\$ 15.30	11.43	11.04	10.69	10.39
PA-1	Gold Applicator	63.31	47.33	45.72	44.24	43.03

Accessories

Code	Size	Item	Net Price
RBA-1	None	Rivet Brush Applicator	\$ 5.08
RT-13/32	13/22" Dia.	Replacement Tip for FCT-13/32 for Rivets on Great Dane Trailers	14.42
RT-1/2	1/2"Dia.	Replacement Tip for FCT-1/2 for Rivets on Fruehauf and Trailmobile Trailers	14.42
391X	None	Air Release Tool	16.67
392X	None	Replacement Point	5.53
Rubber	2"	Hand Roller	16.82
SA-1	None	Low Friction Sleeve (100 Per Pkg)	19.44

Pavement Marking Applicator Parts, Accessories and Equipment

Customers with pavement marking equipment or spare parts needs are referred to Century Tool Company. Inquiries concerning availability and pricing can be made by dialing 763-428-2168. Century Tool is located at 147 Ave. North, Rogers, MN 55374.

3M™ Citrus Base Industrial Cleaner

3M™ Citrus Base Industrial Cleaner is one of the recommended cleaners for Protective Overlay Film 1150. It is a safe and effective cleaner made from a natural citrus base.

Size	Cans Per Case	Net Price Per Case
18-1/2" Ounce	12	\$ 107.52

Broken cases not available.

3M™ Edge Sealer

Code	Container	Size	Net Price Per Container
707 Toner	Dauber Can	8 Ounce	\$ 11.11

3M™ Traffic Monitoring Cards

The Traffic Monitoring Card is a component of the 3M™ Traffic Sensing System II. It was developed to meet the requirements of traffic engineers who want to monitor traffic in a cost effective manner. The traffic monitoring card calculates individual vehicle speed and length data, or mean speed, count and occupancy information. Memory is provided to also collect historical traffic data, mean speed, count and occupancy or vehicle classification by speed, length or speed by length. Traffic Monitoring Card Configuration Software (TMC-CS) is needed to fully configure the traffic monitoring card and to retrieve data.

Model	Description	Product Number	Suggested Unit Price
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Traffic Monitoring Card — North American Version (compatible with NEMA standards)

942	Two channel North American traffic monitoring card providing one lane of speed and length information	75-0301-2208-1	\$930.00
944	Four channel North American traffic monitoring card providing two lanes of speed and length information	75-0301-2209-9	\$1,100.00

Traffic Monitoring Card — European Version

942E	Two channel European traffic monitoring card providing one lane of speed and length information	75-0301-2210-7	\$930.00
944E	Four channel European traffic monitoring card providing two lanes of speed and length information	75-0301-2211-5	\$1,100.00

ITS Link Suite Software including the Traffic Monitoring Card Configuration Software

TMC-CS	Configuration software for the traffic monitoring card (includes one null modem cable, 9 PIN F to F, 15 feet long)	75-0301-2483-0	Included with each order
	Each additional software-only order		\$115.00
	Cable, Null modem cable, 9 PIN F to F, 15 feet long	26-1015-0211-5	\$28.00

3M™ Traffic Sensors Assemblies

Two types of traffic sensors are available for use with the 3M™ Traffic Sensing System II.

- **701 Traffic Sensor Assembly:** Consists of the 701 traffic sensor and lead-in cabling; 701 traffic sensors have a diameter of 7/8 inches or 2.2 cm and a length of 3-1/2 inches or 8.9 cm.
- **702 Non-invasive Traffic Sensor Assembly and Installation Components:** Consists of 702 non-invasive traffic sensors and lead-in cabling. Carriers and installation kits are required; 702 non-invasive traffic sensors have a diameter of 13/16 inches or 2.1 cm and a length of 2-1/8 inches or 5.4 cm.

The non-invasive traffic sensor assembly is inserted into a three inch (7.6 cm) Schedule 80 conduit using interlocking carriers (see Installation Instructions). All 702 carriers are identical and measure one foot (30 cm) in length. Sufficient numbers of 702 carriers are required to cover the distance from the opening of the conduit to the location of the most distant sensor. The 702 carriers are priced and shipped in quantities of 25 or 50 carriers per package. The single carrier price is charged for all other orders.

The installation kit contains all materials necessary to facilitate and complete the installation of one or more non-invasive traffic sensor assemblies into a conduit. The installation kit includes the carrier cradle with carrier lock, end cap carrier with pull rope, tie wraps, sediment barrier and conduit end cap. One installation kit is required for each insertion.

Lead-in Wire Length and Distance Between Sensors

Both 701 traffic sensors and 702 non-invasive traffic sensors are available with standard and custom lead-in wire lengths and distances between each sensor. The lead-in wire is a two conductor, polyurethane jacketed #22AWG cable.

Suggested List Prices for Standard or Custom Traffic Sensor Assemblies

Suggested List Prices for Standard Assemblies

Suggested list prices for the standard 701 traffic sensor assemblies and for custom 702 non-invasive traffic sensor assemblies are listed in the following price pages. All 701-4 (quadruple) assemblies are only available as custom orders.

Suggested List Prices for Custom Assemblies

The suggested list prices for custom 701 traffic sensor assemblies and standard 702 non-invasive traffic sensor assemblies are calculated from the suggested list prices for each component: sensors and total wire lengths. All custom assemblies will incur a special handling charge of 10% from the suggested list price.

Return Policy for Traffic Sensing System II Products

- Custom traffic sensor assembly sales are final. Returns cannot be accepted.
- It is the responsibility of the user to ensure that the standard configurations meet the geometry and measurements of the installation site.
- All returned standard traffic sensor assemblies or Traffic Sensing System II products will incur a 15% restocking charge.
- 3M cannot accept return of any merchandise after 90 days from the date of delivery.

3M™ Traffic Sensors Assemblies

Standard 701 Traffic Sensor Assemblies and Lead-in Cables

Three standard 701 traffic sensor assemblies are available with different lead-in wires as indicated in the table below:

Description	Lead-in Wire Length	Distance Between Sensors	Product Number	Suggested Unit Price
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701-1

Single Traffic Sensor Assembly

	75 ft. (22 m)	N/A	75-0301-3114-0	\$178.80
	150 ft. (45 m)	N/A	75-0301-3115-7	\$208.00
	250 ft. (76 m)	N/A	75-0301-3116-5	\$247.00
	500 ft. (152 m)	N/A	75-0301-3117-3	\$344.50
	1000 ft. (304 m)	N/A	75-0301-3118-1	\$539.50

701-2

Double Traffic Sensor Assembly — 7 ft. (2.13 m) Cable Between Sensors

Each double sensor assembly comes with a wire length between sensors of 7 ft. (2.13 m). This wire length between sensors allows for placing each sensor at a depth of 18 inches (45.7 cm) and with a sensor separation of 4 ft. (1.22 m).

	75 ft. (22 m)	7 ft. (2.13 m)	75-0301-3119-9	\$331.00
	150 ft. (45 m)	7 ft. (2.13 m)	75-0301-3120-7	\$360.30
	250 ft. (76 m)	7 ft. (2.13 m)	75-0301-3121-5	\$399.30
	500 ft. (152 m)	7 ft. (2.13 m)	75-0301-3122-3	\$496.80
	1000 ft. (304 m)	7 ft. (2.13 m)	75-0301-3123-1	\$691.80

701-3

Triple Traffic Sensor Assembly — 6 ft. (1.83 m) Cable Between Sensors

Each triple sensor assembly comes with a distance between sensors of 6 ft. (1.83 m). This distance between sensors allows for placing each sensor at a depth of 18 inches (45.7 cm) and with a sensor separation of 3 ft. (0.91 m).

	75 ft. (22 m)	6 ft. (1.83 m)	75-0301-3124-9	\$482.40
	150 ft. (45 m)	6 ft. (1.83 m)	75-0301-3125-6	\$511.70
	250 ft. (76 m)	6 ft. (1.83 m)	75-0301-3126-4	\$550.70
	500 ft. (152 m)	6 ft. (1.83 m)	75-0301-3127-2	\$648.20
	1000 ft. (304 m)	6 ft. (1.83 m)	75-0301-3128-0	\$843.20

3M™ Traffic Sensors Assemblies

Standard 702 Non-invasive Traffic Sensor Assemblies and Lead-in Cables, Carriers and Installation Kit

The standard 150 ft. (45 m) lead-in configurations will accommodate a 6-lane freeway with a 12 ft. (3.6 m) breakdown lane and a 3 ft. (0.91 m) median.

Description	Lead-in Wire Length	Distance Between Sensors	Product Number	Suggested Unit Price
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702-1

Single Traffic Sensor Assembly

	75 ft. (22 m)	N/A	75-0301-3129-8	\$204.85
	150 ft. (45 m)	N/A	75-0301-2203-2	\$234.10
	175 ft. (53 m)	N/A	75-0301-3130-6	\$243.85
	500 ft. (152 m)	N/A	75-0301-3131-4	\$370.60
	1000 ft. (304 m)	N/A	75-0301-3132-2	\$565.60

702-2

Double Traffic Sensor Assembly — 4 ft. (1.2 m) Cable Between Sensors

Each double sensor assembly comes with a 4 ft. (1.2 m) long cable between sensors.
Extra cable between sensors can be readily accommodated in the carrier and conduit.

	75 ft. (22 m)	4 ft. (1.2 m)	75-0301-3133-0	\$382.00
	150 ft. (45 m)	4 ft. (1.2 m)	75-0301-2204-0	\$411.30
	175 ft. (53 m)	4 ft. (1.2 m)	75-0301-3134-8	\$421.00
	500 ft. (152 m)	4 ft. (1.2 m)	75-0301-3135-5	\$547.80
	1000 ft. (304 m)	4 ft. (1.2 m)	75-0301-3136-3	\$742.80

702-3

Triple Traffic Sensor Assembly — 4 ft. (1.2 m) Cable Between Sensors

Each triple sensor assembly comes with a 4 ft. (1.2 m) long cable between sensors.
Extra cable between sensors can be readily accommodated in the carrier and conduit.

	75 ft. (22 m)	4 ft. (1.2 m)	75-0301-3137-1	\$557.60
	150 ft. (45 m)	4 ft. (1.2 m)	75-0301-2205-7	\$586.90
	175 ft. (53 m)	4 ft. (1.2 m)	75-0301-3138-9	\$596.60
	500 ft. (152 m)	4 ft. (1.2 m)	75-0301-3139-7	\$723.40
	1000 ft. (304 m)	4 ft. (1.2 m)	75-0301-3140-5	\$918.40

Description	Product Number	Suggested Unit Price
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Carriers and Installation Kit

Installation Kit	78-8114-5717-1	\$114.00/each
Carrier (Single)	78-8114-5707-2	\$65.00/each
Carrier Package @ 25 Units	78-8118-6123-2	\$177.45/pkg.
Carrier Package @ 50 Units	78-8118-6124-0	\$354.90/pkg.

3M™ Traffic Sensors Assemblies

Sensor Size	Description	Product Number	Suggested Unit Price
701			
Custom traffic sensor assembly			
The 701 traffic sensor assembly consists of one to four 701 traffic sensors with custom lead-in cabling lengths and custom distance between sensors. Each custom 701 traffic sensor assembly is manufactured according to the specifications received with each order (see Ordering Instructions on the following page).			
7/8" diameter, 3-1/2" height	701 Traffic Sensor Single Sensor Set	78-8040-6472-9	\$149.50/set
	701 Traffic Sensor Double Sensor Set	78-8040-6473-7	\$299.00/set
	701 Traffic Sensor Triple Sensor Set	78-8040-6474-5	\$448.50/set
	701 Traffic Sensor Quadruple Sensor Set	78-8040-6475-2	\$598.00/set
	Polyurethane jacketed lead-in cable (length specified with order)	miscellaneous	\$0.39/ft.

All Custom 701 traffic sensor assemblies Incur a 10% Handling Charge

Sensor Size	Description	Product Number	Suggested Unit Price
702			
Custom Non-invasive traffic sensor assembly			
The 702 Non-invasive traffic sensor assembly consists of one to three 702 non-invasive traffic sensors with custom lead-in cabling lengths and custom distance between sensors. Carriers and installation kits are required. Each custom 702 non-invasive traffic sensor assembly is manufactured according to the specifications received with each order (see Ordering Instructions on the following page.)			
13/16" diameter, 2-1/8" height	702 Traffic Sensor Single Sensor Set	78-8118-6120-8	\$175.60/set
	702 Traffic Sensor Double Sensor Set	78-8118-6132-3	\$351.20/set
	702 Traffic Sensor Triple Sensor Set	78-8118-6133-1	\$526.80/set
	Polyurethane jacketed lead-in cable (length specified with order)	miscellaneous	\$0.39/ft.
	Installation Kit*	78-8114-5717-1	\$114.00/each
	Carrier (single)	78-8114-5707-2	\$65.00/each
	Carrier package @ 25 units	78-8118-6123-2	\$177.45/pkg.
	Carrier package @ 50 units	78-8118-6124-0	\$354.90/pkg.

All Custom 702 traffic sensor assemblies Incur a 10% Handling Charge

3M™ Traffic Sensors Assemblies

Ordering Instructions for All Custom Traffic Sensor Assemblies

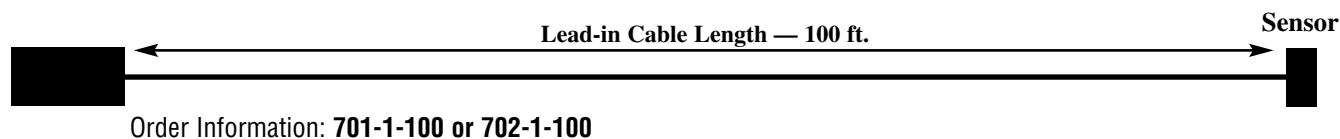
When ordering a 701 standard traffic sensor or a 702 non-invasive traffic sensor assembly, please use the following numerical format to specify the number of sensors, lead-in wire length and the sensor spacing:

701 or 702 Type of Traffic Sensor Assembly (1-2)	— Number of Sensors per Assembly (3)	— Length of Lead-in Cable (4)	— Spacing 1 (5)	— Spacing 2 (6)	— Spacing 3 (7)
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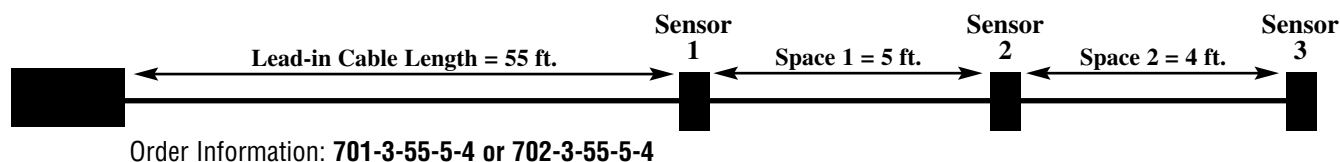
- (1) “701” indicates that it is a standard 701 traffic sensor assembly.
(2) “702” indicates that it is a 702 non-invasive traffic sensor assembly.
(3) Can range from one (1) 701 sensor to as many as four (4) 701 sensors or one (1) 702 sensor to as many as three (3) 702 sensors.
(4) “Length of Lead-in Cable” indicates the length of cable in feet from the cabinet, handhole or pullbox to the first probe.
(5) “Spacing 1” indicates the distance in feet between sensors 1 and 2 (see **Note** below).
(6) “Spacing 2” indicates the distance in feet between sensors 2 and 3 (see **Note** below).
(7) “Spacing 3” indicates the distance in feet between sensors 3 and 4 (see **Note** below).

Examples:

Single 701 Traffic Sensor or 702 Non-invasive Traffic Sensor Assembly



Triple 701 Traffic Sensor or 702 Non-invasive Traffic Sensor Assembly



Note (701 only): When ordering multiple 701 traffic sensor assemblies, add two times the sensor depth to each probe spacing and lead-in cable length to allow for burial of sensors. For example, for sensors separated by three feet on the roadway and buried 18 inches deep, the spacing specified when ordering probes (measured as cable distance) would be three feet plus two times 18 inches for a total of six feet. This instruction does not apply to ordering 702 non-invasive traffic sensor assemblies.

ATTENTION: The 3M™ Non-invasive Traffic Sensor Assembly has been designed as a matched component for the 3M™ Traffic Sensing System II. The non-invasive traffic sensor assembly should only be used with a 3M™ Traffic Monitoring Card or a 3M™ Canoga™ Vehicle Detector.

3M™ Canoga™ C900 Series Vehicle Detection System

3M™ Canoga™ C900 Series Vehicle Detectors were developed to meet the growing complex needs of intersection applications. Detector synchronization, channel-by-channel programmability, four frequencies per channel and a real-time clock for 24-hour data back-up were added. Most importantly, all C900 units have the excellent performance and reliability expected from all Canoga detectors.

Model	Description	Product Number	Suggested Unit Price
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C900

Canoga Detector — North American Version (compatible with NEMA standards)

C922	Two channel North American Canoga vehicle detector with delay and extend timing, O-option	75-0301-2206-5	\$450.45
C924	Four channel North American Canoga vehicle detector with delay and extend timing, O-option	75-0301-2207-3	\$597.90

C900E

Canoga Detector — European Version

C922E	Two channel European Canoga vehicle detector with delay and extend timing, O-option	78-8125-0046-6	\$450.45
C924E	Four channel European Canoga vehicle detector with delay and extend timing, O-option	78-8125-0045-8	\$597.90

C900-CS

ITS Link Suite Software

C900-CS	Configuration software for C900 series vehicle detectors (includes one null modem cable, 9 PIN F to F, 15 feet long)	78-8125-0485-6	Included with each order
	Each additional software-only order		\$115.00
	Cable, Null modem cable, 9 PIN F to F, 15 feet long	26-1015-0211-5	\$28.00

3M™ Cables and Modules

Model	Description	Product Number	Suggested Unit Price
Cables and Modules			
C30003	Home-Run Cable – 2,500 ft./spool Home-Run Cable – 1,000 ft./spool One quarter inch (1/4") diameter polyethylene jacketed, 4 conductor, #18 AWG waterproof, shielded cable. This cable is recommended for home-run service on one or two channels of detection with Canoga vehicle detectors or traffic monitoring cards. Suitable for direct burial.	78-8040-8481-8 78-8040-6418-2	\$0.39/ft. or \$390.00 per 1,000 ft.
832	Communication Module The communication module enhances the communication capability of the rear serial port of C900 series vehicle detectors. The rear serial port is changed from a half-duplex EIA-485 serial port to a full-duplex EIA-232 port. Communication can occur simultaneously through the front and rear ports without one port disrupting the other. The communication module cannot be used together with the 848 memory module on the same traffic monitoring card or C900 series vehicle detector.	78-8114-5427-7	\$100.00
848	Memory Module The memory module is an optional accessory that expands the available memory used for historical traffic data collection to 64KB. The memory module cannot be used together with the 832 communication module on the same traffic monitoring card or C900 series vehicle detector. Units are built to order. Lead time is eight (8) weeks.	78-8125-0080-5	\$195.60

Detector Loop Sealant 5000

A one-part moisture cure material that forms a tough, durable seal to provide excellent protection for detector wires in all roadway conditions.

Model	Description																		
Ply Pack	Contents per ply pack: 1 liter (33.8 fl. oz.) Packs per Case: 12 (sold in full cases only) Weight per Case: 35 lbs. Note: 12 Ply Pack Applicator Nozzles per case 78-8095-4063-2 <table><tr><th>Quantity</th><th>Suggested Price per Ply Pack</th><th>Suggested Price per Case</th></tr><tr><td>1–4 Cases</td><td>\$20.69</td><td>\$248.28</td></tr><tr><td>5–12 Cases</td><td>19.64</td><td>235.68</td></tr><tr><td>13–23 Cases</td><td>18.69</td><td>224.28</td></tr><tr><td>Half Pallet (24 cases)</td><td>17.80</td><td>213.60</td></tr><tr><td>Full Pallet (48 cases)</td><td>15.17</td><td>182.04</td></tr></table>	Quantity	Suggested Price per Ply Pack	Suggested Price per Case	1–4 Cases	\$20.69	\$248.28	5–12 Cases	19.64	235.68	13–23 Cases	18.69	224.28	Half Pallet (24 cases)	17.80	213.60	Full Pallet (48 cases)	15.17	182.04
Quantity	Suggested Price per Ply Pack	Suggested Price per Case																	
1–4 Cases	\$20.69	\$248.28																	
5–12 Cases	19.64	235.68																	
13–23 Cases	18.69	224.28																	
Half Pallet (24 cases)	17.80	213.60																	
Full Pallet (48 cases)	15.17	182.04																	
Applicator Nozzles	A specially designed applicator nozzle for ply pack dispensing. It fills loop cuts with 3M™ Detector Loop Sealant from the bottom up to improve wire encapsulation. 78-8095-4076-4 <table><tr><th>Package Size</th><th>Suggested Price per Package</th></tr><tr><td>12 Nozzles</td><td>\$16.75</td></tr></table> Note: Minimum order is a package of 12 applicator nozzles.	Package Size	Suggested Price per Package	12 Nozzles	\$16.75														
Package Size	Suggested Price per Package																		
12 Nozzles	\$16.75																		
Front Cap	A specially designed front cap for the applicator gun. It secures the applicator nozzles in place. 78-8095-4075-6 <table><tr><th>Package Size</th><th>Suggested Price per Package</th></tr><tr><td>12 Front Caps</td><td>\$68.31</td></tr></table> Note: Minimum order is a package of 12 front caps. Individual front caps can be purchased from a 3M authorized dealer.	Package Size	Suggested Price per Package	12 Front Caps	\$68.31														
Package Size	Suggested Price per Package																		
12 Front Caps	\$68.31																		
Applicator Guns (Air Powered)	The applicator gun is air powered and specially designed for quick and easy application of detector loop sealant without any messy clean-up. 78-8095-4069-9 <table><tr><th>Quantity</th><th>Suggested Price per Applicator Gun</th></tr><tr><td>Air Powered Applicator Gun (for ply pack only)</td><td>\$139.00</td></tr></table> Parts for the Applicator Gun can be obtained directly from: Cox North America 8181 Coleman Road Haslett, MI 48840 Phone: 1-800-822-8114	Quantity	Suggested Price per Applicator Gun	Air Powered Applicator Gun (for ply pack only)	\$139.00														
Quantity	Suggested Price per Applicator Gun																		
Air Powered Applicator Gun (for ply pack only)	\$139.00																		
Applicator Guns (Manual)	This applicator gun is manually activated and designed for small jobs. 78-6911-4656-3 <table><tr><th>Quantity</th><th>Suggested Price per Applicator Gun</th></tr><tr><td>Manual Applicator Gun (for ply pack only)</td><td>\$139.00</td></tr></table>	Quantity	Suggested Price per Applicator Gun	Manual Applicator Gun (for ply pack only)	\$139.00														
Quantity	Suggested Price per Applicator Gun																		
Manual Applicator Gun (for ply pack only)	\$139.00																		

See terms and conditions on page III.

Model	Description			
Five Gallon Pail	Gallons per Pail: 4.5 (sold in full pails only)			
	Weight per Pail: 46 lbs.			
	Note: 18 special applicator nozzles per pallet			
	78-8072-0724-2			
	Quantity	Suggested Price per Gallon	Suggested Price per Pail	
	1–4 Pails	\$50.93	\$229.19	
	5–12 Pails	48.35	217.58	
	13–25 Pails	46.04	207.18	
	26–35 Pails	41.32	185.94	
	1 Pallet (36 Pails)	36.75	165.38	
	Nozzles (for 4.5 Gallon Pump)	This applicator nozzle is designed for the Graco 5-gallon pump. It assists in filling the saw cut from the bottom up to improve wire encapsulation.		
		78-8118-6305-5		
Package Size		Suggested Price per Package		
	18 Nozzles	\$25.05		
Applicator Pump (for 4.5 Gallon Pails)	This Graco pump is designed for use with 3M™ Detector Loop Sealant 5000 4.5 gallon pails.			
	78-8072-0733-3			
	Quantity	Suggested Price per Package		
	Graco Pump	\$4,310.00		
55 Gallon Drum	Gallons per Drum: 50 (four drum minimum)			
	Weight per Drum: 510 lbs.			
	78-8118-6302-2			
	Quantity	Suggested Price per Gallon	Suggested Price per Drum	
	4 drums or more	\$36.75	\$1,837.50	
	(multiples of four)			
3M Citrus Base Industrial Cleaner	A heavy duty citrus base cleaner suggested for clean-up of uncured 3M detector loop sealant. (Citrus scent).			
	Item Number	Container Size	Price per Gallon	Price per Case or Pail
	62-4453-7530-6	1 Gallon Container (4 per case)	\$64.88	\$259.52
	62-4453-8530-5	5 Gallon Pail	53.23	266.15

Note: Pallets consist of all ply pack cases, all pails or all drums. Individual cases or pails ordered in excess of a pallet are quantity priced at the appropriate case or pail quantity price.

See terms and conditions on page III.

High Visibility Signals

M-131 Signal Accessories

Backplates—All backplate front surfaces optical black.

Rear Surface Color	1-Section Face Part No.	2-Section Face Part No.	3-Section Face Part No.	4-Section Face Part No.	5-Section Face Part No.
Black	78-8001-9952-9	78-8001-9954-5	78-8001-9861-2	78-8001-9862-0	78-8012-8020-3
Suggested Unit Price	\$91.00	\$105.00	\$117.00	\$130.00	\$143.00

Batten Plates—All batten plate surfaces optical black. Supplied in 6 plate sets only (sufficient for installation on three 3-section faces).

Description	Part No.	Suggested Unit Price
6-plate set for use with M-131 elevator plumbizer mounted	78-8001-9988-3	\$ 132.00
6-plate set for use with M-131 (NO elevator plumbizer)	78-8001-9987-5	120.00

M-131 Signal Supplies

Description	Part No.	Quantity	Suggested Unit Price
Replacement Lamps			
150 Watt PAR Signal Lamp (115 volt)	78-8008-7703-3	24 unit pack	\$ 440.00
75 Watt PAR Signal Lamp (120 volt)	78-8008-7705-8	24 unit pack	440.00
Optical Masking Tape			
A 2 in. x 3 yd. Roll and Tape Applicator (masks 4 sections)	78-8001-9905-7		25.50/roll

M-131 Signal Mounting Adapters

Color	Pinnacle Order Part No.	Pipe Adapter Kit Order Part No.	Assembly Flange Kit Order Part No.	Tether Clamp Order Part No.	Bimodal Adapter Order Part No.	Combination Adapter Kit Order Part No.	Elevator Plumbizer Adapter Kit* Order Part No.
Yellow	78-8001-9821-6	78-8001-9819-0	78-8012-8017-9	78-8001-9935-4		78-8001-9915-6	
Green	78-8001-9896-8	78-8001-9898-4	78-8012-8019-5		78-8001-9930-5		78-8001-9900-8
Black	78-8001-9897-6	78-8001-9899-2	78-8012-8018-7	78-8001-9937-0		78-8001-9918-0	
Suggested Unit Price	\$24.25	\$59.50	\$47.75	\$61.50	\$62.75	\$47.75	\$59.50

*For use with non-3M Plumbizer only.

See terms and conditions on page III.

M-131 Replacement Parts

Description		Part No.	Suggested List Price
M-131 Lens—	Red Round	78-8001-9804-2	\$ 90.00
	Yellow Round	78-8001-9811-7	90.00
	Green Round	78-8001-9812-5	90.00
	Red Arrow	78-8007-3721-1	90.00
	Yellow Arrow	78-8007-3720-3	90.00
	Green Arrow	78-8001-9817-4	90.00
	Red Arrow Diagonal	78-8007-3719-5	90.00
	Yellow Arrow Diagonal	78-8007-3718-7	90.00
	Green Arrow Diagonal	78-8001-9816-6	90.00
	Lunar White WALK	78-8001-9813-3	90.00
	Portland Orange DON'T WALK	78-8001-9814-1	90.00
	Hand Symbol Orange	78-8013-1389-7	90.00
	Walkman Symbol Lunar Blue	78-8013-1390-5	90.00
	Optical Limiter	78-8001-9765-5	30.00
Diffuser Roundel		78-8001-9764-8	30.00
Wire Shield (kit)		78-8012-8001-3	42.00
Lamp Collar		78-8008-7805-6	30.00
Lamp Retainer Assembly		78-8008-7804-9	24.00
Lamp Housing Assembly—	Yellow	78-8012-8002-1	84.00
	Green	78-8012-8004-7	84.00
	Black	78-8012-8003-9	84.00
Lamp Socket—Interlock Assembly Retrofit Kit with 550 OHM Resister		78-8008-7685-2	42.00
Intensity Control Cap		78-8012-8013-8	9.00
Lamp Housing Gasket		78-8001-9787-9	12.00
Lens Holder Gasket		78-8001-9775-4	20.00
9-1/2" Cutaway Visor, Interior Color Optical Black,			
Exterior Color— Yellow		78-8001-9974-3	36.00
Green		78-8001-9975-0	36.00
Black		78-8001-9793-7	36.00

Assemblies noted above include all necessary bolts, screws, clips or gaskets.

See terms and conditions on page III.

Opticom™ Priority Control Series

700 Series

Model	Detector Components	Product Number	Suggested Unit Price
138	Detector Cable (price per foot) 500ft. 1000ft. 2500ft.	78-8009-6556-4 78-8009-6557-2 78-8009-6393-2	\$.39
575	Confirmation Light Kit	78-8060-1634-7	78.00
711	Detector, Single Channel, One Direction	78-8095-3852-9	365.00
721	Detector, Single Channel, Two Directions	78-8095-3853-7	415.00
722	Detector, Two Channel, Two Directions	78-8095-3854-5	579.00
708	Span Wire Clamp	78-8009-5667-0	18.00

Model	Phase Selector Components	Product Number	Suggested Unit Price
752	Phase Selector (2 Channel)	78-8113-4700-0	\$ 1675.00
754	Phase Selector (4 Channel)	78-8113-4740-6	2620.00
752N	Phase Selector (2 Channel, NEMA w/o Internal Preempt)	78-8114-5140-6	1795.00
754N	Phase Selector (4 Channel, NEMA w/o Internal Preempt)	78-8114-5100-0	2795.00
755	Four Channel Adapter Card (for use with Model 560 System Chassis)	78-8114-5920-1	50.00
756	752/754 44 pin to 562 15 pin Converter Harness	78-8118-6400-4	55.00
757	Auxiliary Detector/Green Sense Harness	78-8113-4723-2	55.00*
758	Auxiliary Interface Panel	78-8114-5340-2	190.00
760	Card Rack with P1 Harness Assembly	78-8114-5300-6	160.00
760-P1	Harness Assembly	78-8118-6560-5	65.00
832	Communications Module	78-8114-5427-7	100.00

* The 757 harness will be provided at no charge when the order is placed at the same time as a phase selector order (on a one-to-one basis).

See terms and conditions on page III.

Model	Dated Encoded Emitter Components	Product Number	Suggested Unit Price
792H	Emitter (High Priority)	78-8113-4540-0	\$ 995.00
792HF	Emitter (High Priority with Visible Light Filter)	78-8113-4603-6	995.00
792R	Emitter (Range Control)	78-8113-4600-2	995.00
792T	Emitter (Low Priority with Visible Light Filter)	78-8113-4560-8	995.00
793B	Emitter Switch (On/Off "L" Bracket)	78-8113-4960-0	75.00
793R	Emitter Switch (Range Control Box)	78-8118-6441-8	330.00
793S	Emitter Switch (On/Off Box)	78-8113-4965-9	140.00
798	Emitter Bezel Mount Kit	78-8118-6920-1	120.00
—	Emitter Cable Assembly	78-8113-4617-6	80.00
—	792 Reflector Kit, Non-filtered	78-8118-6881-5	180.00
—	792 Reflector Kit, Filtered	78-8118-6883-1	180.00

See terms and conditions on page III.

Opticom™ Priority Control Series

ITS Link Suite Software

Model	Software	Product Number	Suggested Unit Price
750CS	User configuration software with Communication Cable	78-8125-0481-5	\$795.00
562CS	User configuration software with Communication Cable	78-8125-0483-1	499.00
790CS	700 Series Emitter User configuration software with Communication Cable	78-8125-0484-9	195.00
C50005	Serial Communication Cable For connection phase selector front panel to PC (6 pin mini-DIN plus and DB-9 receptacle).	78-8113-4921-2	59.00

3M licenses interface software for use at one work station. Users with multiple terminal positions can accommodate additional locations by purchasing additional software.

See terms and conditions on page III.

Opticom™ Priority Control Series

400 Series

Model	Discriminator Components	Product Number	Suggested Unit Price
452	Discriminator (2 Channel)	78-8113-4780-2	\$1,050.00
454	Discriminator (4 Channel)	78-8113-4820-6	1,650.00

* The 757 harness will be provided at no charge when the order is placed at the same time as a discriminator order (on a one-to-one basis).

Model	Security Encoded Emitter Components	Product Number	Suggested Unit Price
492H	Emitter (High Priority)	78-8118-6605-8	\$ 750.00
492HF	Emitter (High Priority with Visible Light Filter)	78-8113-4604-4	750.00
—	492 Reflector Kit, Non-Filtered	78-8118-6882-3	180.00
—	492 Reflector Kit, Filtered	78-8113-6884-9	180.00

All model 492 emitters are security encoded during the manufacturing process. Vehicle ID is always 1. Vehicle class is 0-9, purchaser's choice. Model 492HF is "built-to-order." Estimated delivery is ten weeks.

Mark purchases order as follows:

Unit Quantity	Model	Class (circle one)
(Insert Quantity)	(Insert Model)	0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Use a separate line entry (e.g., above) for each "Class" or "Model" change.

Note: See 700 Series for pricing of additional system components.

See terms and conditions on page III.

Opticom™ Priority Control Series

500 Series

Model	Emitter Components	Product Number	Suggested Unit Price
9592	Emitter Module (9000 Series Lightbar)	78-8065-4332-4	995.00

Model	Emitter Components	Product Number	Suggested Unit Price
560	System Chassis (with J1 Harness)	78-8060-1760-0	650.00
560-J2	Harness Assembly	78-8060-1781-6	180.00
599	Visible Light Filter for above emitters	78-8095-3620-0	40.00

See terms and conditions on page III.

Opticom™ GPS Priority Control System

Product Number	Intersection Equipment	Unit Price
78-8125-0420-3	Opticom GPS Intersection Matched Components Includes: Phase Selector (78-8118-6970-6) Intersection Radio/GPS Unit (78-8118-6978-9)	\$ 5,300.00
78-8125-0435-1	Opticom GPS Auxiliary Interface Panel (AIP) Kit Includes: Cable	300.00
78-8125-0455-9	Opticom GPS Card Rack w/Power Supply Kit Includes: Harness	425.00
78-8125-0454-2	Opticom GPS Green Sense Harness	100.00
78-8125-0421-1	Opticom GPS Installation Cable	.60 per foot
78-8125-0422-9	500 feet	
78-8125-0423-7	1000 feet	
	2500 feet	

Product Number	Vehicle Equipment	Unit Price
78-8125-0430-2	Opticom GPS Preemption Vehicle Kit Includes: Vehicle Radio Unit (78-8125-0750-3) Vehicle Control Unit (78-8118-6980-5) Vehicle GPS/Radio Antenna (78-8118-6907-8)	\$ 3,000.00
75-0301-1604-2	Opticom GPS Transit Signal Priority Vehicle Kit Includes: Vehicle Radio/GPS Unit (78-8125-0750-3) Vehicle Control Unit (78-8118-6984-7) Vehicle GPS/Radio Antenna (78-8118-6907-8)	3,000.00

Product Number	Software	Unit Price
78-8125-0450-0	Opticom GPS ITS Explorer Software Kit Includes: RS232 Connector Cable	\$ 1,000.00

NOTE: One copy per computer. Software required for system configuration and mapping.

Product Number	Station	Unit Price
78-8125-0445-0	Opticom GPS Re-radiator Station Kit	\$ 2,500.00
75-0301-3435-9	Opticom GPS Additional Repeater	1,000.00
75-0301-3436-7	Opticom GPS Dual Repeater	750.00
75-0301-1029-2	Opticom GPS Fire Station Survey	500.00
75-0301-3437-5	Opticom GPS Fire Station Re-radiator Installation	2,000.00

NOTE: Re-radiator may be required at fire stations based on site survey results.

See terms and conditions on page III.

Opticom™ GPS Priority Control System

Product Number	Intersection Services	Budgetary Estimate
75-0300-9903-2	Opticom GPS Intersection Equipment Installation*	\$ 2,500.00
75-0301-1027-6	Opticom GPS Intersection Site Survey	300.00
NOTE: Site survey is done to determine exactly what equipment is needed for each intersection.		
75-0300-9904-0	Opticom GPS Intersection Turn-on Service	500.00
75-0301-1031-8	Opticom GPS Installation Training*	5,000.00
* Installation prices are estimated only and may vary by +/- 10%. This price does not cover new conduit if needed and/or controller installation and programming.		

Product Number	Vehicle Services	Budgetary Estimate
75-0301-1028-4	Opticom GPS Vehicle Site Survey	\$ 2,000.00
NOTE: Vehicle site survey is a flat fee, not per vehicle price.		
75-0301-1031-8	Opticom GPS Installation Training*	5,000.00
75-0301-1031-8	Opticom GPS Vehicle Operator Training*	5,000.00
* If multiple trainings are combined in one trip, the price can be reduced.		

Product Number	Station	Unit Price
75-0301-3433-4	Opticom GPS Intersection Equipment Extended 3-Year Warranty	\$ 900.00
75-0301-3434-2	Opticom GPS Vehicle Equipment Extended 3-Year Warranty	800.00
* Opticom GPS equipment comes with a standard 2-year warranty. The purchase of a 3-year extended warranty provides five (5) total years of coverage. This extended warranty is only available at the purchase of the equipment.		

See terms and conditions on page III.

Special Order Considerations

3M™ Scotchcal™ Sign Products

General

All Scotchcal translucent films and Panaflex products are color matched to strict specifications in either reflected or transmitted light. Materials matched in one viewing mode may differ somewhat in color when viewed in the other mode. This is a normal condition.

Further, different products matched to the same color standard may appear somewhat different when viewed next to each other in the same lighting conditions due to differences in characteristics such as gloss, thickness or product construction.

3M makes every effort to minimize color differences between products matched to the same color standard. However, it is the users responsibility to determine the suitability of mixing 3M matched products of different constructions on the same application through appropriate testing and approval by the end user.

3M™ Scotchlite™ Removable Graphic Film with Comply™ Performance

Series 680CR *

Durable, flexible, removable enclosed lens reflective film that features positionable, pressure activated adhesive and Comply™ Performance for easier, high quality installations. Removable up to 8 years.

Product Bulletin 680CR

Film Colors, Unprocessed Durability

Product	Basic Colors
680CR-10	White

Product	Standard Colors
680CR-14	Orange
680CR-64	Gold
680CR-71	Yellow
680CR-72	Red
680CR-75	Blue
680CR-76	Light Blue
680CR-77	Green
680CR-81	Lemon Yellow
680CR-82	Ruby Red
680CR-85	C-Black

Roll Size	Square Feet	Net Price	Basic Colors 680CR-10				Net Price	Standard Colors			
			A	B	C	D		A	B	C	D
24" x 50 yds.	300	\$ 1,193.88	\$ 891.15	\$ 862.05	\$ 834.06	\$ 811.35	\$ 1,282.98	\$ 959.13	\$ 926.43	\$ 896.34	\$ 871.92
36" x 50 yds.	450	1,790.82	1,336.72	1,293.08	1,251.09	1,217.02	1,924.47	1,438.69	1,389.64	1,344.51	1,307.88
48" x 50 yds.	600	2,387.76	1,782.30	1,724.10	1,668.12	1,622.70	2,565.96	1,918.26	1,852.86	1,792.68	1,743.84
24" x 100 yds.	600	2,387.76	1,782.30	1,724.10	1,668.12	1,622.70	2,565.96	1,918.26	1,852.86	1,792.68	1,743.84
36" x 100 yds.	900	3,581.64	2,673.45	2,586.15	2,502.18	2,434.05	3,848.94	2,877.39	2,779.29	2,689.02	2,615.76
48" x 100 yds.	1200	4,775.52	3,564.60	3,448.20	3,336.24	3,245.40	5,131.92	3,836.52	3,705.72	3,585.36	3,487.68

3M™ Scotchlite™ Removable Graphic Film with Comply™ Performance

Series IJ680CR

Durable, flexible, removable enclosed lens reflective film that features positionable, pressure activated adhesive and Comply™ Performance for easier, high quality installations. Removable up to 8 years. For Piezo inkjet printer and ink recommendations, refer to the product bulletins and the 3M Digital Solutions Material Reference Guide.

Product Bulletin IJ680CR

Film Colors, Unprocessed Durability

Product	Basic Colors
IJ680CR-10	White

Roll Size	Square Feet	Net Price	A Per Roll	B Per Roll	C Per Roll	D Per Roll
48" x 50 yds.	600	2,387.76	1,782.30	1,724.10	1,668.12	1,622.70
48" x 100 yds.	1200	4,775.52	3,564.60	3,448.20	3,336.24	3,245.40

* Non-standard width subject to standard slitting fee.

3M™ Scotchlite™ Reflective Graphic Film

Series 680 With Controltac™ Adhesive *

Create colorful, long term graphics for vehicles, railroad, signs and striping. Similar daytime and nighttime appearance. This film features 3M's repositionable, pressure activated adhesive to aid in large graphic application.

Product Bulletin 680

Film Colors, Unprocessed Durability

Product	Basic Colors
680-10	White

Product	Standard Colors
680-14	Orange
680-64	Gold
680-71	Yellow
680-72	Red
680-75	Blue
680-76	Light Blue
680-77	Green
680-81	Lemon Yellow
680-82	Ruby Red
680-85	Black

Roll Size	Square Feet	Net Price	Basic Colors 680-10				Net Price	Standard Colors			
			A	B	C	D		A	B	C	D
24" x 50 yds.	300	\$ 1,095.87	\$ 819.24	\$ 791.31	\$ 765.63	\$ 744.78	\$ 1,188.48	\$ 888.48	\$ 858.21	\$ 830.34	\$ 807.72
36" x 50 yds.	450	1,643.80	1,228.86	1,186.97	1,148.44	1,117.17	1,782.72	1,332.72	1,287.31	1,245.51	1,211.58
48" x 50 yds.	600	2,191.74	1,638.48	1,582.62	1,531.26	1,489.56	2,376.96	1,776.96	1,716.42	1,660.68	1,615.44
24" x 100 yds.	600	2,191.74	1,638.48	1,582.62	1,531.26	1,489.56	2,376.96	1,776.96	1,716.42	1,660.68	1,615.44
36" x 100 yds.	900	3,287.61	2,457.72	2,373.93	2,296.89	2,234.34	3,565.44	2,665.44	2,574.63	2,491.02	2,423.16

Custom Color Matched Sheeting

Custom Color matched sheetings are available in this product line. **Minimum order is 8,000 square feet.** Sold in 24", 36" and 48" rolls.

Quantity in Sq. Ft.	Net Price in \$/Sq. Ft.
8-15,000	3.5540
16-30,000	3.0660
31-45,000	2.9068
46-60,000	2.8432
61-75,000	2.8219
76-90,000	2.8000
>90,000	2.7583

**Total Sq. Ft. (Single Make Order 24" and 48" width only.
Please call for 36" pricing.**

* Non-standard width subject to standard slitting fee.

3M™ Scotchlite™ Graphic Film

Series IJ680

Used to produce high quality, durable graphics for vehicles and signs utilizing selected piezo inkjet printers. (White only). For piezo inkjet printer and ink recommendations, refer to the product bulletins and the 3M Digital Solutions Material Reference Guide.

Product Bulletin IJ680

Film Colors, Unprocessed Durability

Product	Basic Colors
IJ680-10	White

Roll Size	Square Feet	Net Price	A Per Roll	B Per Roll	C Per Roll	D Per Roll
48" x 50 yds.	600	2,191.74	1,638.48	1,582.62	1,531.26	1,489.56
48" x 100 yds.	1,200.00	4,753.92	3,553.92	3,432.84	3,321.36	3,230.88

3M™ Scotchlite™ Reflective Film

Series 5000 Graphic Film

Short durability, pressure-sensitive sheeting with easy-release liner for short-term multicolor vehicle emblems and markings. Screen process with Series 2900 transparent inks. See Product Bulletin 5000 for detail.

Product Bulletin 5000

Film Colors, Unprocessed Durability

Product	Basic Colors
5000	White

Roll Size	Square Feet	Net Price	A Per Roll	B Per Roll	C Per Roll	D Per Roll
24" x 50 yds.	300	\$ 455.01	\$ 340.17	\$ 328.59	\$ 317.88	\$ 309.24
48" x 50 yds.	600	910.02	680.34	657.18	635.76	618.48
24" x 100 yds.	600	910.02	680.34	657.18	635.76	618.48
48" x 100 yds.	1200	1,820.04	1,360.68	1,314.36	1,271.52	1,236.96

3M™ Scotchlite™ Intermediate Reflective Graphic Film

Series 5100R

A white, flexible, reflective graphic film that is removable for up to three years and durable for up to four years. It is designed for use as vehicle markings, graphics, emblems and non-regulated signs.

Additional Information:

- Can be imaged by silkscreening (UV or solvent) and piezo ink jet.
- Electronic cuttable.
- Pressure sensitive adhesive.
- Vehicle bodies with simple curves.
- Excellent angular brightness.
- See product bulletins for specific recommendations.

Product Bulletin 5100R

Film Colors, Unprocessed Durability

Product	Basic Colors
5100R	White

Roll Size	Square Feet	Net Price	A Per Roll	B Per Roll	C Per Roll	D Per Roll
24" x 50 yds.	300	\$ 771.09	\$ 576.45	\$ 556.80	\$ 538.74	524.04
36" x 50 yds.	450	1,156.64	864.67	835.20	808.11	786.06
48" x 50 yds.	600	1,542.18	1,152.90	1,113.60	1,077.48	1,048.08
24" x 100 yds.	600	1,542.18	1,152.90	1,113.60	1,077.48	1,048.08
36" x 100 yds.	900	2,313.27	1,729.35	1,670.40	1,616.22	1,572.12
48" x 100 yds.	1200	3,084.36	2,305.80	2,227.20	2,154.96	2,096.16

3M™ Scotchlite™ ElectroCut™ Reflective Graphic Film with Comply™ Performance

Series 7780CR

Durable, flexible, positionable, reflective sheeting that is removable up to eight years after application to vehicle bodies. Perforated for use in electronic cutting apparatus, TMT imaging.

Additional Information:

- Controltac™ positionable pressure activated adhesive with Comply™ Performance for easy application
- Available in slotted hole pre-punched pattern
- May be applied to vehicle bodies with compound curves
- Covered by 3M warranty
- See Product Bulletin 7780CR for full details

Product Bulletin 680CR

Film Colors, Unprocessed Durability

Product	Basic Colors
7780CR-10	White

Product	Standard Colors
7780CR-64	Gold
7780CR-71	Yellow
7780CR-76	Light Blue
7780CR-82	Ruby Red
7780CR-85	C-Black

Roll Size	Square Feet	Net Price	Basic Colors 7780CR-10				Standard Colors				
			A	B	C	D	Net Price	A	B	C	D
15" x 50 yds.	187.5	885.62	662.08	639.49	618.67	601.86	885.62	662.08	639.49	618.67	601.86
30" x 50 yds.	375	1,771.24	1,324.16	1,278.97	1,237.35	1,203.71	1,771.24	1,324.16	1,278.97	1,237.35	1,203.71

3M™ Transparent Screen Printing Inks

Series 2900

3M™ Transparent Screen Printing Ink Series 2900 are used in the fabrication of graphic markings, nameplates, and signs on 3M™ Reflective Sheeting Series 5000, 5100R, 680 and 680CR

Product	Selling Unit	Net Price	A	B	C	D
Halftone Base						
2988 Halftone Base	Gallon	\$ 68.64	\$ 51.31	\$ 49.56	\$ 47.96	\$ 46.65
2989 Halftone Retarder Base	Gallon	71.01	53.09	51.27	49.62	48.26
Overprint Clear						
2920 Clear	Gallon	145.16	108.52	104.82	101.41	98.65
4230R 2-Part Gloss Clear	1 Quart	41.60	31.11	30.05	29.07	28.27
Toner						
2907 Toner	Gallon	67.45	50.43	50.43	47.13	45.85
Transparent Colors						
2905 Black (Opaque)	Gallon	91.35	68.29	65.96	63.82	62.08
2906 Orange	Gallon	149.07	111.44	107.65	104.14	101.31
2908 Green	Gallon	149.07	111.44	107.65	104.14	101.31
2910 Blue	Gallon	117.91	88.15	85.15	82.38	80.13
2912 Red	Gallon	303.17	226.64	218.92	211.81	206.04
2913 Maroon	Gallon	299.62	223.98	216.35	209.33	203.62
2914 Yellow	Gallon	189.46	141.64	136.80	132.37	128.76
2915 Cyan	Gallon	197.28	147.48	142.45	137.82	134.08
2916 Blue Violet	Gallon	136.04	101.70	98.23	95.04	92.45
2917 Brown	Gallon	172.53	128.98	124.58	120.53	117.24
2922 Lemon Yellow	Gallon	174.77	130.66	126.21	122.11	118.78
2923 Magenta	Gallon	199.93	149.46	144.36	139.68	135.88
Transparent Process Colors						
2984 Halftone Magenta	Gallon	278.66	208.32	201.21	194.68	189.38
2985 Halftone Cyan	Gallon	208.77	156.07	150.75	145.86	141.88
2986 Halftone Yellow	Gallon	369.03	275.88	266.47	257.82	250.79
2987 Halftone Black	Gallon	208.41	155.81	150.49	145.60	141.64

3M™ Controltac™ *Plus* Graphic Film with Comply™ Performance Series 180C

Product Bulletin 180C

Film Colors, Unprocessed Durability

Product	Basic Colors
180C-10	White
180C-12	Black
180C-22	Matte Black
180C-114	Transparent

Product	Standard Colors
180C-13	Tomato Red
180C-14	Bright Orange
180C-15	Bright Yellow
180C-17	Vivid Blue
180C-19	Deep Mahogany Brown
180C-23	Deep Red
180C-25	Sunflower
180C-27	Indigo
180C-31	Medium Grey
180C-37	Sapphire Blue
180C-41	Dark Grey
180C-47	Intense Blue

Product	Standard Colors
180C-53	Cardinal Red
180C-56	Dark Green
180C-57	Olympic Blue
180C-58	Burgundy
180C-63	Geranium
180C-120	Satin Aluminum
180C-131	Satin Gold
180C-186	Bright Green
180C-196	Apple Green
180C-307	Dark Aqua

Product	Metallic Colors
180C-211	Charcoal
180C-220	Light Silver
180C-221	Grey
180C-227	Bright Blue
180C-237	Silver Blue

All Plus Series 180C Custom Colored Films

Minimum order is 10,000 square feet. Orders are fully assortable for the best custom color pricing. Sold in 24", 36", 48" ,and 60"*** rolls. Maximum length is 300 yards. Custom color opaque films, 3M™ Scotchcal™ films and Controltac films can be combined for best pricing. There is no additional charge for slitting and sheeting.

**** 60": Minimum order is 30,000 square feet. Maximum length is 100 yards.**

Qty. in Sq. Ft.	24", 36", 48"	60"	Net Price in \$/Sq.Ft.
3,000	X		1.8500
6,000	X		1.4255
10,000	X		1.0953
20,000	X		1.0395
30,000	X	X	1.0029
40,000	X	X	.9760
50,000	X	X	.8836

3M™ Controltac™ *Plus* Graphic Film Series 180C Metallic Colors

Prices in \$ per roll

Roll Size	Square Feet	Net Price	A Per Roll	B Per Roll	C Per Roll	D Per Roll
24" x 50 yds.	300	\$ 433.50	\$ 324.09	\$ 313.02	\$ 302.88	\$ 294.63
48" x 50 yds.	600	867.00	648.18	626.04	605.76	589.26

3M™ Controltac™ Plus Graphic Film Series with Comply™ Performance 180C Basic and Standard Colors

Prices in \$ per roll

Roll Size	Square Feet	Net Price	Basic Colors 180C-10, -12, -22, -114				Net Price	Standard Colors			
			A	B	C	D		A	B	C	D
1" x 50 yds.	12.5	\$ 15.24	\$ 11.39	\$ 11.01	\$ 10.65	\$ 10.36	\$ 17.92	\$ 13.40	\$ 12.94	\$ 12.52	\$ 12.18
2" x 50 yds.	25	30.48	22.79	22.01	21.30	20.71	35.84	26.80	25.88	25.04	24.36
3" x 50 yds.	37.5	45.72	34.18	33.02	31.95	31.07	53.77	40.20	38.82	37.56	36.54
4" x 50 yds.	50	60.97	45.57	44.02	42.59	41.43	71.69	53.60	51.77	50.09	48.72
5" x 50 yds.	62.5	76.21	56.97	55.03	53.24	51.79	89.61	66.99	64.71	62.61	60.90
6" x 50 yds.	75	91.45	68.36	66.03	63.89	62.14	107.53	80.39	77.65	75.13	73.08
7" x 50 yds.	87.5	106.69	79.76	77.04	74.54	72.50	125.46	93.79	90.59	87.65	85.26
8" x 50 yds.	100	121.93	91.15	88.04	85.19	82.86	143.38	107.19	103.53	100.17	97.44
9" x 50 yds.	112.5	137.17	102.54	99.05	95.84	93.22	161.30	120.59	116.47	112.69	109.62
10" x 50 yds.	125	152.41	113.94	110.05	106.49	103.57	179.22	133.99	129.41	125.21	121.80
11" x 50 yds.	137.5	167.65	125.33	121.06	117.14	113.93	197.15	147.39	142.35	137.73	133.98
12" x 50 yds.	150	182.90	136.72	132.06	127.78	124.29	215.07	160.79	155.30	150.26	146.16
13" x 50 yds.	162.5	198.14	148.12	143.07	138.43	134.65	232.99	174.18	168.24	162.78	158.34
14" x 50 yds.	175	213.38	159.51	154.07	149.08	145.00	250.91	187.58	181.18	175.30	170.52
15" x 50 yds.	187.5	228.62	170.91	165.08	159.73	155.36	268.84	200.98	194.12	187.82	182.70
16" x 50 yds.	200	243.86	182.30	176.08	170.38	165.72	286.76	214.38	207.06	200.34	194.88
17" x 50 yds.	212.5	259.10	193.69	187.09	181.03	176.08	304.68	227.78	220.00	212.86	207.06
18" x 50 yds.	225	274.34	205.09	198.09	191.68	186.43	322.60	241.18	232.94	225.38	219.24
19" x 50 yds.	237.5	289.58	216.48	209.10	202.33	196.79	340.53	254.58	245.88	237.90	231.42
20" x 50 yds.	250	304.83	227.87	220.10	212.97	207.15	358.45	267.98	258.83	250.43	243.60
21" x 50 yds.	262.5	320.07	239.27	231.11	223.62	217.51	376.37	281.37	271.77	262.95	255.78
22" x 50 yds.	275	335.31	250.66	242.11	234.27	227.86	394.29	294.77	284.71	275.47	267.96
23" x 50 yds.	287.5	350.55	262.06	253.12	244.92	238.22	412.22	308.17	297.65	287.99	280.14
24" x 50 yds.	300	332.52	248.58	240.12	232.32	225.99	391.05	292.32	282.39	273.21	265.77
25" x 50 yds.	312.5	381.03	284.84	275.13	266.22	258.94	448.06	334.97	323.53	313.03	304.50
26" x 50 yds.	325	396.27	296.24	286.13	276.87	269.29	465.98	348.37	336.47	325.55	316.68
27" x 50 yds.	337.5	411.51	307.63	297.14	287.52	279.65	483.91	361.77	349.41	338.07	328.86
28" x 50 yds.	350	426.76	319.02	308.14	298.16	290.01	501.83	375.17	362.36	350.60	341.04
29" x 50 yds.	362.5	442.00	330.42	319.15	308.81	300.37	519.75	388.56	375.30	363.12	353.22
30" x 50 yds.	375	457.24	341.81	330.15	319.46	310.72	537.67	401.96	388.24	375.64	365.40
31" x 50 yds.	387.5	472.48	353.21	341.16	330.11	321.08	555.60	415.36	401.18	388.16	377.58
32" x 50 yds.	400	487.72	364.60	352.16	340.76	331.44	573.52	428.76	414.12	400.68	389.76
33" x 50 yds.	412.5	502.96	375.99	363.17	351.41	341.80	591.44	442.16	427.06	413.20	401.94
34" x 50 yds.	425	518.20	387.39	374.17	362.06	352.15	609.36	455.56	440.00	425.72	414.12
35" x 50 yds.	437.5	498.78	372.87	360.18	348.48	338.99	586.58	438.48	423.58	409.82	398.66
36" x 50 yds.	450	533.44	398.78	385.18	372.71	362.51	627.29	468.96	452.94	438.24	426.30
37" x 50 yds.	462.5	563.93	421.57	407.19	394.00	383.23	663.13	495.75	478.83	463.29	450.66
38" x 50 yds.	475	579.17	432.96	418.19	404.65	393.58	681.05	509.15	491.77	475.81	462.84
39" x 50 yds.	487.5	594.41	444.36	429.20	415.30	403.94	698.98	522.55	504.71	488.33	475.02
40" x 50 yds.	500	609.65	455.75	440.20	425.95	414.30	716.90	535.95	517.65	500.85	487.20
41" x 50 yds.	512.5	624.89	467.14	451.21	436.60	424.66	734.82	549.35	530.59	513.37	499.38
42" x 50 yds.	525	640.13	478.54	462.21	447.25	435.01	752.74	562.75	543.53	525.89	511.56
43" x 50 yds.	537.5	655.37	489.93	473.22	457.90	445.37	770.67	576.15	556.47	538.41	523.74
44" x 50 yds.	550	670.62	501.32	484.22	468.54	455.73	788.59	589.55	569.42	550.94	535.92
45" x 50 yds.	562.5	685.86	512.72	495.23	479.19	466.09	806.51	602.94	582.36	563.46	548.10
46" x 50 yds.	575	701.10	524.11	506.23	489.84	476.44	824.43	616.34	595.30	575.98	560.28
47" x 50 yds.	587.5	716.34	535.51	517.24	500.49	486.80	842.36	629.74	608.24	588.50	572.46
48" x 50 yds.	600	665.04	497.16	480.24	464.64	451.98	782.10	584.64	564.78	546.42	531.54
24" x 100 yds.	600	665.04	497.16	480.24	464.64	451.98	782.10	584.64	564.78	546.42	531.54
36" x 100 yds.	900	997.56	745.74	720.36	696.96	677.97	1,173.15	876.96	847.17	819.63	797.31
48" x 100 yds.	1200	1,330.08	994.32	960.48	929.28	903.96	1,564.20	1,169.28	1,129.56	1,092.84	1,063.08

Maximum length: 200 yards, 150 yards premasked
Maximum length for 60" width: 100 yards, not available premasked
Call for availability of 54" and 60" width

3M™ Scotchcal™ Film Series 639

Product Bulletin 639 Film Colors, Unprocessed Durability

Product	Basic Colors	Durability S/CV
639	Transparent	3 years

Prices in \$ per roll

Roll Size	Square Feet	Net	A	B	C	D
1" x 50 yds.	12.5	\$ 14.04	\$ 10.50	\$ 10.14	\$ 9.81	\$ 9.54
2" x 50 yds.	25	28.08	20.99	20.28	19.62	19.09
3" x 50 yds.	37.5	42.12	31.49	30.42	29.43	28.63
4" x 50 yds.	50	56.16	41.98	40.56	39.23	38.17
5" x 50 yds.	62.5	70.21	52.48	50.69	49.04	47.71
6" x 50 yds.	75	84.25	62.98	60.83	58.85	57.26
7" x 50 yds.	87.5	98.29	73.47	70.97	68.66	66.80
8" x 50 yds.	100	112.33	83.97	81.11	78.47	76.34
9" x 50 yds.	112.5	126.37	94.47	91.25	88.28	85.88
10" x 50 yds.	125	140.41	104.96	101.39	98.09	95.43
11" x 50 yds.	137.5	154.45	115.46	111.53	107.90	104.97
12" x 50 yds.	150	168.49	125.95	121.67	117.70	114.51
13" x 50 yds.	162.5	182.54	136.45	131.80	127.51	124.05
14" x 50 yds.	175	196.58	146.95	141.94	137.32	133.60
15" x 50 yds.	187.5	210.62	157.44	152.08	147.13	143.14
16" x 50 yds.	200	224.66	167.94	162.22	156.94	152.68
17" x 50 yds.	212.5	238.70	178.44	172.36	166.75	162.22
18" x 50 yds.	225	252.74	188.93	182.50	176.56	171.77
19" x 50 yds.	237.5	266.78	199.43	192.64	186.37	181.31
20" x 50 yds.	250	280.82	209.92	202.78	196.17	190.85
21" x 50 yds.	262.5	294.87	220.42	212.91	205.98	200.39
22" x 50 yds.	275	308.91	230.92	223.05	215.79	209.94
23" x 50 yds.	287.5	322.95	241.41	233.19	225.60	219.48
24" x 50 yds.	300	306.33	229.02	221.19	214.02	208.20
25" x 50 yds.	312.5	351.03	262.41	253.47	245.22	238.56
26" x 50 yds.	325	365.07	272.90	263.61	255.03	248.11
27" x 50 yds.	337.5	379.11	283.40	273.75	264.84	257.65
28" x 50 yds.	350	393.15	293.89	283.89	274.64	267.19
29" x 50 yds.	362.5	407.20	304.39	294.02	284.45	276.73
30" x 50 yds.	375	421.24	314.89	304.16	294.26	286.28
31" x 50 yds.	387.5	435.28	325.38	314.30	304.07	295.82
32" x 50 yds.	400	449.32	335.88	324.44	313.88	305.36
33" x 50 yds.	412.5	463.36	346.38	334.58	323.69	314.90
34" x 50 yds.	425	477.40	356.87	344.72	333.50	324.45
35" x 50 yds.	437.5	491.44	367.37	354.86	343.31	333.99
36" x 50 yds.	450	505.48	377.86	365.00	353.11	343.53
37" x 50 yds.	462.5	519.53	388.36	375.13	362.92	353.07
38" x 50 yds.	475	533.57	398.86	385.27	372.73	362.62
39" x 50 yds.	487.5	547.61	409.35	395.41	382.54	372.16
40" x 50 yds.	500	561.65	419.85	405.55	392.35	381.70
41" x 50 yds.	512.5	575.69	430.35	415.69	402.16	391.24
42" x 50 yds.	525	589.73	440.84	425.83	411.97	400.79
43" x 50 yds.	537.5	603.77	451.34	435.97	421.78	410.33
44" x 50 yds.	550	617.81	461.83	446.11	431.58	419.87
45" x 50 yds.	562.5	631.86	472.33	456.24	441.39	429.41
46" x 50 yds.	575	645.90	482.83	466.38	451.20	438.96
47" x 50 yds.	587.5	659.94	493.32	476.52	461.01	448.50
48" x 50 yds.	600	612.66	458.04	442.38	428.04	416.40
24" x 100 yds.	600	612.66	458.04	442.38	428.04	416.40
48" x 100 yds.	1200	1,225.32	916.08	884.76	856.08	832.80

3M™ Scotchcal™ Film Series 650

Product Bulletin 650

Film Colors, Unprocessed Exterior Durability

Note: Other durabilities may apply in specific cases -
Refer to Product Bulletin 650

Product	Basic Colors	Durability S/CV
650	White	7 years
655	Black	7 years

Prices in \$ per roll

Roll Size	Square Feet	Net Price	A \$ Per Roll	B \$ Per Roll	C \$ Per Roll	D \$ Per Roll
1" x 50 yds.	12.5	35.27	26.37	25.47	24.64	23.97
2" x 50 yds.	25	70.54	52.74	50.94	49.29	47.94
3" x 50 yds.	37.5	105.81	79.10	76.41	73.93	71.91
4" x 50 yds.	50	141.09	105.47	101.87	98.57	95.89
5" x 50 yds.	62.5	176.36	131.84	127.34	123.21	119.86
6" x 50 yds.	75	211.63	158.21	152.81	147.86	143.83
7" x 50 yds.	87.5	246.90	184.57	178.28	172.50	167.80
8" x 50 yds.	100	282.17	210.94	203.75	197.14	191.77
9" x 50 yds.	112.5	317.44	237.31	229.22	221.78	215.74
10" x 50 yds.	125	352.71	263.68	254.69	246.43	239.71
11" x 50 yds.	137.5	387.98	290.04	280.16	271.07	263.68
12" x 50 yds.	150	423.26	316.41	305.62	295.71	287.66
13" x 50 yds.	162.5	458.53	342.78	331.09	320.35	311.63
14" x 50 yds.	175	493.80	369.15	356.56	345.00	335.60
15" x 50 yds.	187.5	529.07	395.51	382.03	369.64	359.57
16" x 50 yds.	200	564.34	421.88	407.50	394.28	383.54
17" x 50 yds.	212.5	599.61	448.25	432.97	418.92	407.51
18" x 50 yds.	225	634.88	474.62	458.44	443.57	431.48
19" x 50 yds.	237.5	670.15	500.98	483.91	468.21	455.45
20" x 50 yds.	250	705.43	527.35	509.37	492.85	479.43
21" x 50 yds.	262.5	740.70	553.72	534.84	517.49	503.40
22" x 50 yds.	275	775.97	580.09	560.31	542.14	527.37
23" x 50 yds.	287.5	811.24	606.45	585.78	566.78	551.34
24" x 50 yds.	300	769.56	575.31	555.69	537.66	522.99
25" x 50 yds.	312.5	881.78	659.19	636.72	616.06	599.28
26" x 50 yds.	325	917.05	685.56	662.19	640.71	623.25
27" x 50 yds.	337.5	952.32	711.92	687.66	665.35	647.22
28" x 50 yds.	350	987.60	738.29	713.12	689.99	671.20
29" x 50 yds.	362.5	1,022.87	764.66	738.59	714.63	695.17
30" x 50 yds.	375	1,058.14	791.03	764.06	739.28	719.14
31" x 50 yds.	387.5	1,093.41	817.39	789.53	763.92	743.11
32" x 50 yds.	400	1,128.68	843.76	815.00	788.56	767.08
33" x 50 yds.	412.5	1,163.95	870.13	840.47	813.20	791.05
34" x 50 yds.	425	1,199.22	896.50	865.94	837.85	815.02
35" x 50 yds.	437.5	1,234.49	922.86	891.41	862.49	838.99
36" x 50 yds.	450	1,212.08	906.12	875.21	846.81	823.73
37" x 50 yds.	462.5	1,305.04	975.60	942.34	911.77	886.94
38" x 50 yds.	475	1,340.31	1,001.97	967.81	936.42	910.91
39" x 50 yds.	487.5	1,375.58	1,028.33	993.28	961.06	934.88
40" x 50 yds.	500	1,410.85	1,054.70	1,018.75	985.70	958.85
41" x 50 yds.	512.5	1,446.12	1,081.07	1,044.22	1,010.34	982.82
42" x 50 yds.	525	1,481.39	1,107.44	1,069.69	1,034.99	1,006.79
43" x 50 yds.	537.5	1,516.66	1,133.80	1,095.16	1,059.63	1,030.76
44" x 50 yds.	550	1,551.94	1,160.17	1,120.62	1,084.27	1,054.74
45" x 50 yds.	562.5	1,587.21	1,186.54	1,146.09	1,108.91	1,078.71
46" x 50 yds.	575	1,622.48	1,212.91	1,171.56	1,133.56	1,102.68
47" x 50 yds.	587.5	1,657.75	1,239.27	1,197.03	1,158.20	1,126.65
48" x 50 yds.	600	1,539.12	1,150.62	1,111.38	1,075.32	1,045.98
24" x 100 yds.	600	1,539.12	1,150.62	1,111.38	1,075.32	1,045.98
36" x 100 yds.	900	2,424.15	1,812.24	1,750.41	1,693.62	1,647.45
48" x 100 yds.	1200	3,078.24	2,301.24	2,222.76	2,150.64	2,091.96

Maximum length: 300 yards, not available premasked

3M™ Scotchcal™ Graphic Marking Film Series 3470

Product Bulletin 3470

Film Colors, Unprocessed Durability

Product	Basic Colors	Durability S/CV
3470	White	3 years
3475	Black	3 years

3470 White

Roll Size	Square Feet	Net	A \$ Per Roll	B \$ Per Roll	C \$ Per Roll	D \$ Per Roll
24" x 50 yds.	300	\$ 192.18	\$ 143.67	\$ 138.75	\$ 134.25	\$ 130.59
36" x 50 yds.	450	302.67	226.26	218.57	211.46	205.70
48" x 50 yds.	600	384.36	287.34	277.50	268.50	261.18
24" x 100 yds.	600	384.36	287.34	277.50	268.50	261.18
36" x 100 yds.	900	605.34	452.52	437.13	422.91	411.39
48" x 100 yds.	1200	768.72	574.68	555.00	537.00	522.36
24" x 200 yds.	1200	768.72	574.68	555.00	537.00	522.36
36" x 200 yds.	1800	1,210.68	905.04	874.26	845.82	822.78
48" x 200 yds.	2400	1,537.44	1,149.36	1,110.00	1,074.00	1,044.72

3475 Black

Roll Size	Square Feet	Net	A \$ Per Roll	B \$ Per Roll	C \$ Per Roll	D \$ Per Roll
24" x 50 yds.	300	\$ 192.18	\$ 143.67	\$ 138.75	\$ 134.25	130.59
48" x 50 yds.	600	384.36	287.34	277.50	268.50	261.18
24" x 100 yds.	600	384.36	287.34	277.50	268.50	261.18
48" x 100 yds.	1200	768.72	574.68	555.00	537.00	522.36
24" x 200 yds.	1200	768.72	574.68	555.00	537.00	522.36
48" x 200 yds.	2400	1,537.44	1,149.36	1,110.00	1,074.00	1,044.72

3M™ Scotchcal™ Translucent Film Series 3630

Product Bulletin 3630

Product	Basic Colors	Simulated PANTONE® Color
3630-22	† ♦ Black	PANTONE Process Black C

Product	Standard Colors	Simulated PANTONE® Color
3630-005	Ivory	N/A
3630-015	† Yellow	PANTONE 109C
3630-20	† White	N/A
3630-25	† Sunflower	PANTONE 123C
3630-26	† Green	PANTONE 349C
3630-33	† Red	PANTONE 485C 2X
3630-36	† Blue	PANTONE 281C
3630-43	† Light Tomato Red	PANTONE 1788C 2X
3630-44	† Orange	PANTONE 1655C
3630-49	† Burgundy	PANTONE 188C
3630-51	† Silver Grey	PANTONE 430C
3630-53	† Cardinal Red	N/A
3630-57	† Olympic Blue	N/A
3630-59	† Dark Brown	PANTONE 4625C
3630-61	† Slate Grey	N/A
3630-63	† Rust Brown	PANTONE 483C
3630-68	Rose Mauve	PANTONE 190C
3630-69	† ♦ Duranodic	PANTONE Black C
3630-71	Shadow Grey	PANTONE 409C
3630-73	† Dark Red	N/A
3630-74	† Kumquat Orange	PANTONE 1375C
3630-75	† Marigold	N/A
3630-76	† Holly Green	N/A
3630-78	† Vivid Rose	PANTONE 206C
3630-83	Regal Red	PANTONE 187C
3630-84	† Tangerine	PANTONE 151C
3630-87	† Royal Blue	PANTONE 274C

♦ These films are opaque, not translucent.

† Some colors available in 60" width - Call for availability

The product is a simulation of a PANTONE® identified color standard. Use current PANTONE Color Reference Manuals for accurate color. See below for special short (less than 10 yd.) roll program.

All Series 3630 Custom Colored Films

48"

Minimum order is 3000 square feet. All prices are Net for 3,000 and 5,000 square feet. Orders are fully assortable for the best custom color pricing on orders greater than 10,000 square feet per color. Sold in 48" rolls. Maximum roll length is 250 yards. There is no additional charge for slitting and sheeting. Rolls between 10 and 50 yards in length are subject to a 5% upcharge.

60"

Minimum order is 22,500 square feet.
Maximum roll length is 250 yards.

Product	Standard Colors	Simulated PANTONE® Color
3630-97	† Bristol Blue	PANTONE 294C
3630-106	Brilliant Green	PANTONE 376C
3630-108	Pink	PANTONE 224C
3630-109	Lt. Rust Brown	PANTONE 181C
3630-115	Lt. Lemon Yellow	PANTONE 3995C
3630-116	Bright Jade Green	N/A
3630-118	† Intense Magenta	PANTONE 241C
3630-121	† Silver	PANTONE 877C
3630-125	† Golden Yellow	PANTONE 1235C
3630-126	† Dark Emerald Green	PANTONE 3435C
3630-127	† Intense Blue	PANTONE 300C
3630-128	† Plum Purple	PANTONE 2622C
3630-129	Bronze	PANTONE 471C
3630-131	† Gold Metallic	PANTONE 873C
3630-133	† Raspberry	PANTONE 220C
3630-136	Lime Green	PANTONE 368C
3630-137	† European Blue	PANTONE 281C
3630-141	† Gold Nugget	N/A
3630-143	† Poppy Red	PANTONE 1788C 2X
3630-146	† Lt. Kelly Green	PANTONE 347C
3630-147	† Lt. European Blue	N/A
3630-149	† Light Beige	PANTONE 468C
3630-156	† Vivid Green	PANTONE 355C
3630-157	† Sultan Blue	PANTONE 288C
3630-167	† Bright Blue	PANTONE 2945C
3630-236	† Turquoise	PANTONE 3282C
3630-246	† Teal Green	PANTONE 322C
3630-317	Evening Blue	PANTONE 658C
3630-337	† Process Blue	PANTONE 299C 2X

Custom Color Matched Film: Custom color matched films are available in this product line. Please request availability.

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Quantity in Sq. Ft.	Net Price in \$/Sq. Ft.
3,000	2.2172
5,000	2.0408
10,000	1.5774
20,000	1.3899
50,000	1.2796
22,500 (60")	1.3899

* All custom colors and sizes are available with Synthetic Release Liner and are subject to a 5% upcharge.

* Rolls ordered in 100 yd. length receive a 6.3% discount.
Rolls ordered in 250 yd. length receive a 11.3% discount.

3M™ Scotchcal™ Translucent Film Series 3630
Non-Standard Colors with Simulated PANTONE Match

		Net Price	A	B	C	D
Standard 48"	\$/Sq.Ft.	\$ 1.7735	\$ 1.3656	\$ 1.3191	\$ 1.2762	\$ 1.2414

Basic Colors (3630-22)

Roll Size	Square Feet	Net Price	A	B	C	D
15" x 10 yds.	37.5	\$ 42.54	\$ 31.81	\$ 30.72	\$ 29.72	\$ 28.91
20" x 10 yds.	50	56.73	42.42	40.96	39.63	38.55
24" x 10 yds.	60	68.07	50.9	49.15	47.56	46.26
30" x 10 yds.	75	85.09	63.62	61.44	59.44	57.83
48" x 10 yds.	120	136.14	101.8	98.30	95.11	92.52
60" x 10 yds.	150	170.18	127.25	122.88	118.89	115.65
15" x 50 yds.	187.5	202.59	151.46	146.31	141.54	137.68
20" x 50 yds.	250	270.13	201.95	195.08	188.72	183.58
24" x 50 yds.	300	324.15	242.34	234.09	226.47	220.29
30" x 50 yds.	375	405.19	302.92	292.61	283.09	275.36
48" x 50 yds.	600	648.30	484.68	468.18	452.94	440.58
60" x 50 yds.	750	810.38	605.85	585.23	566.17	550.73
48" x 100 yds.	1200	1,214.40	907.92	876.84	848.40	825.36
60" x 100 yds.	1500	1,518.00	1,134.90	1,096.05	1,060.50	1,031.70
48" x 250 yds.	3000	2,884.50	2,156.40	2,082.90	2,015.10	1,960.20
60" x 250 yds.	3750	3,605.62	2,695.50	2,603.62	2,518.88	2,450.25

Standard Colors

Roll Size	Square Feet	Net Price	A	B	C	D
15" x 10 yds.	37.5	\$ 73.95	\$ 54.43	\$ 53.39	\$ 51.66	\$ 50.26
20" x 10 yds.	50	98.6	72.58	71.19	68.88	67.01
24" x 10 yds.	60	118.31	87.1	85.43	82.66	80.41
30" x 10 yds.	75	147.89	108.87	106.78	103.33	100.51
48" x 10 yds.	120	236.63	174.19	170.86	165.32	160.82
60" x 10 yds.	150	295.78	217.74	213.57	206.65	201.03
15" x 50 yds.	187.5	352.14	263.23	254.29	246.02	239.31
20" x 50 yds.	250	469.53	350.98	339.05	328.03	319.07
24" x 50 yds.	300	563.43	421.17	406.86	393.63	382.89
30" x 50 yds.	375	704.29	526.46	508.57	492.04	478.61
48" x 50 yds.	600	1,126.86	842.34	813.72	787.26	765.78
60" x 50 yds.	750	1,408.58	1,052.93	1,017.15	984.08	957.22
48" x 100 yds.	1200	2,115.84	1,581.60	1,527.72	1,478.16	1,437.96
60" x 100 yds.	1500	2,644.80	1,977.00	1,909.65	1,847.70	1,797.45
48" x 250 yds.	3000	5,025.00	3,756.60	3,628.50	3,510.60	3,414.90
60" x 250 yds.	3750	6,281.25	4,695.75	4,535.62	4,388.25	4,268.62

Maximum length: 250 yards, 200 yards premasked.
Call for availability of 60" width.

3M™ Scotchcal™ Graphic Marking Film Series 3650

Product Bulletin 3650

Film Colors, Unprocessed Exterior Durability

Product		Basic Colors	Durability S/CV
3650-10	†	White	7/8 years
3650-12	◆	Black	7/8 years

† Some colors available in 60" width - Call for availability

◆ Clear adhesive; otherwise grey adhesive

Product		Standard Colors	Durability S/CV
3650-114	◆	Transparent	5/5 years

Durabilities listed for sign and commercial vehicle applications, respectively. See product bulletin for details.

Border Rolls (3650-12)

Roll Size	Square Feet	Net Price	A	3650-12 Border Rolls		
				B	C	D
3/8" x 50 yds.	4.6875	\$ 5.33	\$ 3.99	\$ 3.85	\$ 3.72	\$ 3.62
1/2" x 50 yds.	6.25	7.11	5.31	5.13	4.97	4.83
9/16" x 50 yds.	7.03	8.00	5.98	5.78	5.59	5.44
5/8" x 50 yds.	7.8125	8.89	6.64	6.42	6.21	6.04
3/4" x 50 yds.	9.375	10.66	7.97	7.70	7.45	7.25
7/8" x 50 yds.	10.9375	12.44	9.30	8.98	8.69	8.45
1-1/4" x 50 yds.	15.625	17.77	13.29	12.83	12.42	12.08

3M™ Scotchcal™ Graphic Marking Film Series 3650**Basic Colors (3650-10, 3650-12, 3650-114)**

Prices in \$ per roll

Roll Size	Square Feet	Net Price	A	Basic Colors (3650-10, -12, -22, -114)		
				B	C	D
1" x 50 yds.	12.5	\$ 14.22	\$ 10.63	\$ 10.27	\$ 9.93	\$ 9.66
2" x 50 yds.	25	28.44	21.26	20.53	19.87	19.33
3" x 50 yds.	37.5	42.66	31.89	30.80	29.80	28.99
4" x 50 yds.	50	56.88	42.52	41.07	39.73	38.65
5" x 50 yds.	62.5	71.09	53.14	51.33	49.66	48.31
6" x 50 yds.	75	85.31	63.77	61.60	59.60	57.98
7" x 50 yds.	87.5	99.53	74.40	71.86	69.53	67.64
8" x 50 yds.	100	113.75	85.03	82.13	79.46	77.30
9" x 50 yds.	112.5	127.97	95.66	92.40	89.39	86.96
10" x 50 yds.	125	142.19	106.29	102.66	99.33	96.63
11" x 50 yds.	137.5	156.41	116.92	112.93	109.26	106.29
12" x 50 yds.	150	170.63	127.55	123.20	119.19	115.95
13" x 50 yds.	162.5	184.84	138.17	133.46	129.12	125.61
14" x 50 yds.	175	199.06	148.80	143.73	139.06	135.28
15" x 50 yds.	187.5	213.28	159.43	153.99	148.99	144.94
16" x 50 yds.	200	227.50	170.06	164.26	158.92	154.60
17" x 50 yds.	212.5	241.72	180.69	174.53	168.85	164.26
18" x 50 yds.	225	255.94	191.32	184.79	178.79	173.93
19" x 50 yds.	237.5	270.16	201.95	195.06	188.72	183.59
20" x 50 yds.	250	284.38	212.58	205.33	198.65	193.25
21" x 50 yds.	262.5	298.59	223.20	215.59	208.58	202.91
22" x 50 yds.	275	312.81	233.83	225.86	218.52	212.58
23" x 50 yds.	287.5	327.03	244.46	236.12	228.45	222.24
24" x 50 yds.	300	310.23	231.90	223.98	216.72	210.81
25" x 50 yds.	312.5	355.47	265.72	256.66	248.31	241.56
26" x 50 yds.	325	369.69	276.35	266.92	258.25	251.23
27" x 50 yds.	337.5	383.91	286.98	277.19	268.18	260.89
28" x 50 yds.	350	398.13	297.61	287.46	278.11	270.55
29" x 50 yds.	362.5	412.34	308.23	297.72	288.04	280.21
30" x 50 yds.	375	426.56	318.86	307.99	297.98	289.88
31" x 50 yds.	387.5	440.78	329.49	318.25	307.91	299.54
32" x 50 yds.	400	455.00	340.12	328.52	317.84	309.20
33" x 50 yds.	412.5	469.22	350.75	338.79	327.77	318.86
34" x 50 yds.	425	483.44	361.38	349.05	337.71	328.53
35" x 50 yds.	437.5	497.66	372.01	359.32	347.64	338.19
36" x 50 yds.	450	465.35	347.85	335.97	325.08	316.22
37" x 50 yds.	462.5	526.09	393.26	379.85	367.50	357.51
38" x 50 yds.	475	540.31	403.89	390.12	377.44	367.18
39" x 50 yds.	487.5	554.53	414.52	400.38	387.37	376.84
40" x 50 yds.	500	568.75	425.15	410.65	397.30	386.50
41" x 50 yds.	512.5	582.97	435.78	420.92	407.23	396.16
42" x 50 yds.	525	597.19	446.41	431.18	417.17	405.83
43" x 50 yds.	537.5	611.41	457.04	441.45	427.10	415.49
44" x 50 yds.	550	625.63	467.67	451.72	437.03	425.15
45" x 50 yds.	562.5	639.84	478.29	461.98	446.96	434.81
46" x 50 yds.	575	654.06	488.92	472.25	456.90	444.48
47" x 50 yds.	587.5	668.28	499.55	482.51	466.83	454.14
48" x 50 yds.	600	620.46	463.80	447.96	433.44	421.62
24" x 100 yds.	600	620.46	463.80	447.96	433.44	421.62
48" x 100 yds.	1200	1,240.92	927.60	895.92	866.88	843.24

Maximum length 300 yards, 200 yards premasked.

3M™ Controltac™ Plus Film 180-12P

These films are durable, dimensionally stable, vinyl premask films for the production of vehicle marking emblems, markings, and striping.

180-12P Black

Roll Size	Net Price
3/8" x 50 yds.	\$ 5.86
1/2" x 50 yds.	7.81
9/16" x 50 yds.	8.80
5/8" x 50 yds.	9.77
3/4" x 50 yds.	11.72
7/8" x 50 yds.	13.67
1" x 50 yds.	15.63
1-1/4" x 50 yds.	19.53
2" x 50 yds.	31.25
3" x 50 yds.	46.88
4" x 50 yds.	62.50
5" x 50 yds.	78.13
6" x 50 yds.	93.75
7" x 50 yds.	109.38
8" x 50 yds.	125.00
9" x 50 yds.	140.63
10" x 50 yds.	156.25
11" x 50 yds.	171.88
12" x 50 yds.	187.50
15" x 50 yds.	234.38
18" x 50 yds.	281.25
24" x 50 yds.	375.00
30" x 50 yds.	468.75
36" x 50 yds.	562.50
48" x 50 yds.	750.00

Unmounted Letters, Numbers, Borders, Radius Corners and Arrows

Scotchcal™ Film 3650-12 Black and 180-12P Black

Letter Styles Used In
Different Series

H H H H H

	Series A	Series B	Series C	Series D	Series E
Height	4"	4"	4"	4"	4"
Width	1-1/2"	1-11/16"	2-3/16"	2-11/16"	3-3/16"
Stroke Width	3/8"	1/2"	9/16"	5/8"	11/16"
Height	5"	5"	5"	5"	5"
Width	1-7/8"	2-7/64"	2-47/64"	3-23/64"	3-63/64"
Stroke Width	15/32"	5/8"	45/64"	25/32"	55/64"
Height	4"	6"	6"	6"	6"
Width	2-1/4"	2-17/32"	3-9/32"	4-1/32"	4-25/32"
Stroke Width	9/16"	3/4"	27/32"	15/16"	1-1/32"

Standard Packages of Characters

Cut-out Upper Case Letters and Numbers - Net prices per package of 25 identical

3650-12 Black	2"	2-1/2"	3"	4"	5"	6"	7"
FHWA Series B	SQ	SQ	SQ	8.69	SQ	SQ	SQ
FHWA Series C	\$ 4.08	SQ	\$ 6.05	\$ 7.94	\$ 9.49	\$ 11.36	SQ

180-12P Black	2"	2-1/2"	3"	4"	5"	6"	7"
FHWA Series B	\$ 5.52	SQ	\$ 8.13	\$ 11.74	SQ	SQ	SQ
FHWA Series C	5.52	\$ 6.76	8.13	10.31	\$ 13.86	\$ 16.48	\$ 20.67

SQ items and sizes and series not shown are available on a special quotation basis only.

Radius Corners - Packages of 25

Size	3650-12 Black Code	Net Price Per Package	180-12P Black Code	Net Price Per Package
3/8" x 1-1/8"	2RC-8	3.48	2RC-1	\$ 4.53
9/16" x 1-1/8"	2RC-9	3.48	2RC-2	4.53
5/8" x 1-1/8"	2RC-10	3.48	2RC-3	4.53
3/4" x 1-3/8"	2RC-11	3.94	2RC-4	5.12
7/8" x 1-5/8"	2RC-12	5.03	2RC-5	6.43
1-1/4" x 2-1/4"	2RC-13	5.88	2RC-6	7.56

Cut-Out Arrows - Packages of 5

Description	Size	180-12P Black Code	Net Price Per Package
Straight	7" x 8" x 3-3/4"	R3-5AS-180P	\$ 22.31
Straight	4" x 6"	M1-46F-180P	4.93
Straight	6" x 9"	M1-69F-180P	8.40

Non-Reflective Individual Prepositioned Letters and Numbers ControItac™ Film

Prepositioned Letters and Numbers †

Prices are net in \$ per package of 10 identical characters. Minimum order requirement is 20 pkgs. per size and color.

Code	Item or Legend**	Size	Color	Net Price Per Package of 10
C-800-ULPSB	Letters	1"	Black	\$ 3.23
C-800-ULPSW	Letters	1"	White	3.23
C-801-ULPSB	Letters	1-1/2"	Black	3.32
C-801-ULPSW	Letters	1-1/2"	White	3.32
C-802-ULPSB	Letters	3"	Black	4.83
C-802-ULPSW	Letters	3"	White	4.83
C-803-ULPSB	Letters	4"	Black	7.14
C-803-ULPSW	Letters	4"	White	7.14
C-804-ULPSB	Letters	2"	Black	3.74
C-804-ULPSW	Letters	2"	White	3.74
C-850-UNPSB	Numbers	1"	Black	3.23
C-850-UNPSW	Numbers	1"	White	3.23
C-851-UNPSB	Numbers	1-1/2"	Black	3.32
C-851-UNPSW	Numbers	1-1/2"	White	3.32
C-852-UNPSB	Numbers	3"	Black	4.83
C-852-UNPSW	Numbers	3"	White	4.83
C-853-UNPSB	Numbers	4"	Black	7.14
C-853-UNPSW	Numbers	4"	White	7.14
C-854-UNPSB	Numbers	2"	Black	3.74
C-854-UNPSW	Numbers	2"	White	3.74

† Kiss-cut and weeded; furnished on square pieces of release liner.

** Specify letter or number desired.

Packaging: Each package contains 10 identical characters

3M™ Scotchcal™ Film Series 3690

Series 3690 Custom Colored Films

Minimum order is 3,000 square feet. Pricing is Net for 3,000 and 6,000 sq. ft. Orders are fully assortable for the best custom color pricing on orders greater than 10,000 sq. ft. per color. Sold in 24", 36" and 48" rolls. Maximum length is 300 yards. There is no additional charge for slitting and sheeting.

Quantity in Sq. Ft.	Net Price in \$/Sq.Ft.
3,000	.8318
6,000	.6990
10,000	.6595
20,000	.6280
30,000	.6038
40,000	.5863
50,000	.5330

3M™ Scotchcal™ Film Series 3690 White

Prices in \$ per roll

Roll Size	Square Feet	Net	A \$ Per Roll	B \$ Per Roll	C \$ Per Roll	D \$ Per Roll
1" x 50 yds.	12.5	\$ 9.38	\$ 7.01	\$ 6.77	\$ 6.55	\$ 6.37
2" x 50 yds.	25	18.75	14.02	13.54	13.10	12.75
3" x 50 yds.	37.5	28.13	21.03	20.31	19.65	19.12
4" x 50 yds.	50	37.51	28.04	27.08	26.21	25.49
5" x 50 yds.	62.5	46.89	35.05	33.85	32.76	31.86
6" x 50 yds.	75	56.26	42.06	40.62	39.31	38.24
7" x 50 yds.	87.5	65.64	49.07	47.39	45.86	44.61
8" x 50 yds.	100	75.02	56.08	54.16	52.41	50.98
9" x 50 yds.	112.5	84.40	63.09	60.93	58.96	57.35
10" x 50 yds.	125	93.77	70.10	67.70	65.51	63.73
11" x 50 yds.	137.5	103.15	77.11	74.47	72.06	70.10
12" x 50 yds.	150	112.53	84.12	81.24	78.62	76.47
13" x 50 yds.	162.5	121.91	91.13	88.01	85.17	82.84
14" x 50 yds.	175	131.28	98.14	94.78	91.72	89.22
15" x 50 yds.	187.5	140.66	105.15	101.55	98.27	95.59
16" x 50 yds.	200	150.04	112.16	108.32	104.82	101.96
17" x 50 yds.	212.5	159.42	119.17	115.09	111.37	108.33
18" x 50 yds.	225	168.79	126.18	121.86	117.92	114.71
19" x 50 yds.	237.5	178.17	133.19	128.63	124.47	121.08
20" x 50 yds.	250	187.55	140.20	135.40	131.03	127.45
21" x 50 yds.	262.5	196.93	147.21	142.17	137.58	133.82
22" x 50 yds.	275	206.30	154.22	148.94	144.13	140.20
23" x 50 yds.	287.5	215.68	161.23	155.71	150.68	146.57
24" x 50 yds.	300	204.57	152.94	147.72	142.92	139.05
25" x 50 yds.	312.5	234.44	175.25	169.25	163.78	159.31
26" x 50 yds.	325	243.81	182.26	176.02	170.33	165.69
27" x 50 yds.	337.5	253.19	189.27	182.79	176.88	172.06
28" x 50 yds.	350	262.57	196.28	189.56	183.44	178.43
29" x 50 yds.	362.5	271.95	203.29	196.33	189.99	184.80
30" x 50 yds.	375	281.32	210.30	203.10	196.54	191.18
31" x 50 yds.	387.5	290.70	217.31	209.87	203.09	197.55
32" x 50 yds.	400	300.08	224.32	216.64	209.64	203.92
33" x 50 yds.	412.5	309.46	231.33	223.41	216.19	210.29
34" x 50 yds.	425	318.83	238.34	230.18	222.74	216.67
35" x 50 yds.	437.5	328.21	245.35	236.95	229.29	223.04
36" x 50 yds.	450	306.86	229.41	221.58	214.38	208.57
37" x 50 yds.	462.5	346.97	259.37	250.49	242.40	235.78
38" x 50 yds.	475	356.34	266.38	257.26	248.95	242.16
39" x 50 yds.	487.5	365.72	273.39	264.03	255.50	248.53
40" x 50 yds.	500	375.10	280.40	270.80	262.05	254.90
41" x 50 yds.	512.5	384.48	287.41	277.57	268.60	261.27
42" x 50 yds.	525	393.85	294.42	284.34	275.15	267.65
43" x 50 yds.	537.5	403.23	301.43	291.11	281.70	274.02
44" x 50 yds.	550	412.61	308.44	297.88	288.26	280.39
45" x 50 yds.	562.5	421.99	315.45	304.65	294.81	286.76
46" x 50 yds.	575	431.36	322.46	311.42	301.36	293.14
47" x 50 yds.	587.5	440.74	329.47	318.19	307.91	299.51
48" x 50 yds.	600	409.14	305.88	295.44	285.84	278.10
24" x 100 yds.	600	409.14	305.88	295.44	285.84	278.10
36" x 100 yds.	900	613.71	458.82	443.16	428.76	417.15
48" x 100 yds.	1200	818.28	611.76	590.88	571.68	556.20

Maximum length: 200 yards, 150 yards premasked

Scotchcal™ ElectroCut™ Film Series 7720

Non-reflective film with pressure-sensitive adhesive perforated for use in electronic cutting apparatus.

Product	Standard Colors
7720-11S	Pearl Grey
7720-13S	Tomato Red
7720-15S	Bright Yellow
7720-17S	Vivid Blue
7720-19S	Deep Mahogany Brown
7720-27S	Indigo
7720-37S	Sapphire Blue
7720-38S	Royal Purple
7720-39S	Tan
7720-41S	Dark Grey
7720-46S	Kelly Green
7720-47S	Intense Blue
7720-48S	Purple
7720-49S	Beige
7720-53S	Cardinal Red
7720-54S	Light Orange
7720-56S	Dark Green
7720-57S	Olympic Blue
7720-59S	Putty
7720-63S	Geranium

Product	Basic Colors
7720-10S	Gloss White
7720-12S	Black
7720-20S	Matte White
7720-22S	Matte Black
7720-114S	Transparent

Product	Standard Colors
7720-64S	Apricot
7720-66S	Forest Green
7720-77S	Peacock Blue
7720-85S	Vista Yellow
7720-86S	Robin Egg Blue
7720-88S	Violet
7720-89S	Sandstone
7720-130S	Egg Shell
7720-176S	Aqua
7720-186S	Bright Green
7720-187S	Wedgewood Blue
7720-193S	Mauve
7720-196S	Apple Green
7720-197S	Light Navy
7720-263S	Perfect Match Red
7720-273S	Process Magenta
7720-276S	Bottle Green
7720-307S	Dark Aqua
7720-357S	Bermuda Blue

Size	Basic Colors Net Price Per Roll	Standard Colors Net Price Per Roll
15" x 50 yds.	\$ 193.13	\$ 225.00
30" x 50 yds.	386.25	450.00

Note: Prespace with SCPS-2 prespacing tape

Note that machines made by Gerber Scientific, Inc. require a slotted hole pattern.

3M™ Scotchcal™ ElectroCut™ Film Series 7725

Product Bulletin 7725

Product		Basic Colors	Durability
7725-10	†	White	7 years
7725-12	†	Black	7 years
7725-20		Matte White	7 years
7725-22		Matte Black	7 years
7725-114		Transparent	6 years

Product		Standard Colors	Durability
7725-11		Pearl Grey	6 years
7725-13	†	Tomato Red	6 years
7725-14		Bright Orange	6 years
7725-15		Bright Yellow	6 years
7725-17	†	Vivid Blue	6 years
7725-19		Deep Mahogany Brown	6 years
7725-25		Sunflower	6 years
7725-27		Indigo	6 years
7725-29		Russet Brown	6 years
7725-31		Medium Grey	6 years
7725-37	†	Sapphire Blue	6 years
7725-38		Royal Purple	6 years
7725-41		Dark Grey	6 years
7725-46		Kelly Green	6 years
7725-47		Intense Blue	6 years
7725-49		Beige	6 years

† Some colors available in 60" width - Call for availability.

Durabilities listed for sign and commercial vehicle applications, respectively. See product bulletin for details. Maximum length is 250 yards. There is no additional charge for slitting and sheeting full web width.

All Series 7725 Custom Colored Films

Minimum order is 3,000 square feet. Pricing is Net for 3,000 and 6,000 square feet. Orders are fully assortable for the best custom color pricing on orders greater than 10,000 square feet per color. Sold in 24", 48" and 60"*** rolls. Maximum length is 250 yards. There is no additional charge for slitting and sheeting. Rolls ordered in 100 yard length receive a 6.3% discount.

Product		Standard Colors	Durability
7725-53	†	Cardinal Red	6 years
7725-54		Light Orange	6 years
7725-56		Dark Green	6 years
7725-57		Olympic Blue	6 years
7725-58		Burgundy	6 years
7725-63		Geranium	6 years
7725-64		Apricot	6 years
7725-66		Forest Green	6 years
7725-77		Peacock Blue	6 years
7725-90		Antique White	6 years
7725-96		Teal	6 years
7725-99		Fawn	6 years
7725-105		Harvest Gold	6 years
7725-120		Satin Aluminum	6 years
7725-131		Satin Gold	6 years
7725-177		Shadow Blue	6 years
7725-186		Bright Green	6 years
7725-196		Apple Green	6 years
7725-197		Light Navy	6 years
7725-263		Perfect Match Red	6 years
7725-273		Process Magenta	6 years
7725-276		Bottle Green	6 years
7725-357		Bermuda Blue	6 years

Qty. in Sq. Ft.	24", 48"	60"	Net Price in \$/Sq.Ft.
3,000	X		1.2581
6,000	X		1.0140
10,000	X		.9456
20,000	X		.8934
30,000	X	X	.8572
40,000	X	X	.8263
50,000	X	X	.8013

*** 60": Minimum order is 30,000 square feet. Maximum roll length is 100 yards.

3M™ Scotchcal™ ElectroCut™ Film Series 7725
Basic Colors (7725-10, -12, -20, -22, -114)

		Basic Colors (7725-10, -12, -20, -22, -114)
Roll Size	Square Feet	D
1" x 50 yds.	12.5	\$6.75
2" x 50 yds.	25.0	\$13.50
3" x 50 yds.	37.5	\$20.25
4" x 50 yds.	50.0	\$27.00
5" x 50 yds.	62.5	\$33.75
6" x 50 yds.	75.0	\$40.50
7" x 50 yds.	87.5	\$47.25
8" x 50 yds.	100.0	\$54.00
9" x 50 yds.	112.5	\$60.75
10" x 50 yds.	125.0	\$67.50
11" x 50 yds.	137.5	\$74.25
12" x 50 yds.	150.0	\$81.00
13" x 50 yds.	162.5	\$87.75
14" x 50 yds.	175.0	\$94.50
15" x 50 yds.	187.5	\$101.25
16" x 50 yds.	200.0	\$108.00
17" x 50 yds.	212.5	\$114.75
18" x 50 yds.	225.0	\$121.50
19" x 50 yds.	237.5	\$128.25
20" x 50 yds.	250.0	\$135.00
21" x 50 yds.	262.5	\$141.75
22" x 50 yds.	275.0	\$148.50
23" x 50 yds.	287.5	\$155.25
24" x 50 yds.	300.0	\$162.00
25" x 50 yds.	312.5	\$168.75
26" x 50 yds.	325.0	\$175.50
27" x 50 yds.	337.5	\$182.25
28" x 50 yds.	350.0	\$189.00
29" x 50 yds.	362.5	\$195.75
30" x 50 yds.	375.0	\$202.50
31" x 50 yds.	387.5	\$209.25
32" x 50 yds.	400.0	\$216.00
33" x 50 yds.	412.5	\$222.75
34" x 50 yds.	425.0	\$229.50
35" x 50 yds.	437.5	\$236.25
36" x 50 yds.	450.0	\$243.00
37" x 50 yds.	462.5	\$249.75
38" x 50 yds.	475.0	\$256.50
39" x 50 yds.	487.5	\$263.25
40" x 50 yds.	500.0	\$270.00
41" x 50 yds.	512.5	\$276.75
42" x 50 yds.	525.0	\$283.50
43" x 50 yds.	537.5	\$290.25
44" x 50 yds.	550.0	\$297.00
45" x 50 yds.	562.5	\$303.75
46" x 50 yds.	575.0	\$310.50
47" x 50 yds.	587.5	\$317.25
48" x 50 yds.	600.0	\$324.00
60" x 50 yds.	750.0	\$405.00
15" x 100 yds.	375.0	\$202.50
20" x 100 yds.	500.0	\$270.00
24" x 100 yds.	600.0	\$324.00
30" x 100 yds.	750.0	\$405.00
36" x 100 yds.	900.0	\$486.00
48" x 100 yds.	1,200.0	\$648.00
60" x 100 yds.	1,500.0	\$810.00

Maximum length: 250 yards, 200 yards premasked
 Custom Color Matched Film: Custom color matched films are available in this product line. Please request availability.

Some colors available in 60" widths-Call for availability. If not available, minimum order quantity is 1500 linear yards.
 Rolls longer than 100 yards are available in 50 yard increments.
 There is no additional charge for slitting and sheeting full web width.

3M™ Scotchcal™ ElectroCut™ Film Series 7725
Standard Colors

Roll Size	Square Feet	D
1" x 50 yds.	12.5	\$6.75
2" x 50 yds.	25.0	\$13.50
3" x 50 yds.	37.5	\$20.25
4" x 50 yds.	50.0	\$27.00
5" x 50 yds.	62.5	\$33.75
6" x 50 yds.	75.0	\$40.50
7" x 50 yds.	87.5	\$47.25
8" x 50 yds.	100.0	\$54.00
9" x 50 yds.	112.5	\$60.75
10" x 50 yds.	125.0	\$67.50
11" x 50 yds.	137.5	\$74.25
12" x 50 yds.	150.0	\$81.00
13" x 50 yds.	162.5	\$87.75
14" x 50 yds.	175.0	\$94.50
15" x 50 yds.	187.5	\$101.25
16" x 50 yds.	200.0	\$108.00
17" x 50 yds.	212.5	\$114.75
18" x 50 yds.	225.0	\$121.50
19" x 50 yds.	237.5	\$128.25
20" x 50 yds.	250.0	\$135.00
21" x 50 yds.	262.5	\$141.75
22" x 50 yds.	275.0	\$148.50
23" x 50 yds.	287.5	\$155.25
24" x 50 yds.	300.0	\$162.00
25" x 50 yds.	312.5	\$168.75
26" x 50 yds.	325.0	\$175.50
27" x 50 yds.	337.5	\$182.25
28" x 50 yds.	350.0	\$189.00
29" x 50 yds.	362.5	\$195.75
30" x 50 yds.	375.0	\$202.50
31" x 50 yds.	387.5	\$209.25
32" x 50 yds.	400.0	\$216.00
33" x 50 yds.	412.5	\$222.75
34" x 50 yds.	425.0	\$229.50
35" x 50 yds.	437.5	\$236.25
36" x 50 yds.	450.0	\$243.00
37" x 50 yds.	462.5	\$249.75
38" x 50 yds.	475.0	\$256.50
39" x 50 yds.	487.5	\$263.25
40" x 50 yds.	500.0	\$270.00
41" x 50 yds.	512.5	\$276.75
42" x 50 yds.	525.0	\$283.50
43" x 50 yds.	537.5	\$290.25
44" x 50 yds.	550.0	\$297.00
45" x 50 yds.	562.5	\$303.75
46" x 50 yds.	575.0	\$310.50
47" x 50 yds.	587.5	\$317.25
48" x 50 yds.	600.0	\$324.00
60" x 50 yds.	750.0	\$405.00
15" x 100 yds.	375.0	\$202.50
20" x 100 yds.	500.0	\$270.00
24" x 100 yds.	600.0	\$324.00
30" x 100 yds.	750.0	\$405.00
36" x 100 yds.	900.0	\$486.00
48" x 100 yds.	1,200.0	\$648.00
60" x 100 yds.	1,500.0	\$810.00

Maximum length: 250 yards, 200 yards premasked

Custom Color Matched Film: Custom color matched films are available this product line. Please request availability.

Some colors available in 60" widths-Call for availability. If not available,

minimum order quantity is 1500 linear yards.

Rolls longer than 100 yards are available in 50 yard increments.

There is no additional charge for slitting and sheeting full web width.

3M™ Scotchcal™ Special Effects Film Series 7725 SE

Product Bulletin 7725 SE Film Colors, Unprocessed Exterior Durability

Product	Standard Colors	Durability
7725-314	Dusted Crystal *	3 years
7725-323	Frosted Rose	3 years
7725-324	Frosted Clear *	3 years
7725-326	Frosted Mint	3 years
7725-327	Frosted Blue Mint	3 years
7725-331	Frosted Gold	3 years

Roll Size	Square Feet	Net Price Per Roll	A	B	C	D
24" x 50 yds.	300	\$ 654.12	\$ 489.00	\$ 472.32	\$ 456.99	\$ 444.54
48" x 50 yds.	600	1,308.24	978.00	944.64	913.98	889.08
24" x 100 yds.	600	1,190.10	889.68	859.38	831.42	808.80
48" x 100 yds.	1200	2,380.20	1,779.36	1,718.76	1,662.84	1,617.60

Maximum length: 300 yards, 200 yards premasked
Rolls 10 yards or more but less than 50 are priced 5% over Standard
There are no additional charge for slitting or sheeting full web width

* 60" available

Product Bulletin 7725 SE (7725-4xx) Film Colors, Unprocessed Exterior Durability

Product	Fluorescent Colors	Durability
7725-404	Orange	1 year
7725-405	Yellow	1 year
7725-414	Red-Orange	1 year

Roll Size	Square Feet	Net Price	A \$ Per Roll	B \$ Per Roll	C \$ Per Roll	D \$ Per Roll
24" x 50 yds.	300	\$ 590.40	\$ 441.36	\$ 426.30	\$ 412.47	\$ 401.22
48" x 50 yds.	600	1,180.80	882.72	852.60	824.94	802.44
24" x 100 yds.	600	1,074.18	802.98	775.62	750.48	730.02
48" x 100 yds.	1200	2,148.36	1,605.96	1,551.24	1,500.96	1,460.04

Maximum length: 300 yards, 200 yards premasked
Rolls 10 yards or more but less than 50 are priced 5% over Standard
There are no additional charge for slitting or sheeting full web width

3M™ Application Tapes and Liners – Unapplied

SCPM-3 Application Tape - Unapplied (SCPM-3, SCPM-19, SCPM-44X)

Product Roll or Sheet	Size	Net Price	A	B	C	D
SCPM-3	4" x 100 yds.	\$ 17.45	\$ 13.05	\$ 12.60	\$ 12.19	\$ 11.86
SCPM-3	6" x 100 yds.	26.17	19.58	18.90	18.28	17.79
SCPM-3	12" x 100 yds.	52.35	39.15	37.80	36.57	35.58
SCPM-3, -19, -44X	24" x 100 yds.	104.70	78.30	75.60	73.14	71.16
SCPM-3, -19, -44X	36" x 100 yds.	164.97	123.30	119.07	115.20	112.14
SCPM-3, -19, -44X	48" x 100 yds.	209.40	156.60	151.20	146.28	142.32
SCPM-3, -19, -44X	60" x 100 yds.	261.75	195.75	189.00	182.85	177.90
SCPM-3, -44X	24" x 250 yds.	261.75	195.75	189.00	182.85	177.90
SCPM-3, -44X	36" x 250 yds.	523.50	391.50	378.00	365.70	355.80
SCPM-3, -44X	48" x 250 yds.	412.44	308.25	297.68	288.00	280.35
SCPM-3, -44X	60" x 250 yds.	654.38	489.38	472.50	457.12	444.75

SCPS-2 Prespacing Tape (SCPS-2, SCPS-53X)

Product Roll or Sheet	Size	Net Price	A	B	C	D
SCPS-2	4" x 100 yds.	\$ 17.45	\$ 13.05	\$ 12.60	\$ 12.19	\$ 11.86
SCPS-2	6" x 100 yds.	26.17	19.58	18.90	18.28	17.79
SCPS-2	12" x 100 yds.	52.35	39.15	37.80	36.57	35.58
SCPS-2,-53X	24" x 100 yds.	104.70	78.30	75.60	73.14	71.16
SCPS-2,-53X	30" x 100 yds.	137.48	102.75	99.23	96.00	93.45
SCPS-2,-53X	36" x 100 yds.	164.97	123.30	119.07	115.20	112.14
SCPS-2,-53X	48" x 100 yds.	209.40	156.60	151.20	146.28	142.32
SCPS-2	24" x 250 yds.	261.75	195.75	189.00	182.85	177.90
SCPS-2	30" x 250 yds.	343.69	256.87	248.06	240.00	233.63
SCPS-2	36" x 250 yds.	412.44	308.25	297.68	288.00	280.35
SCPS-2	48" x 250 yds.	523.50	391.50	378.00	365.70	355.80

TPM-5 Clear Transfer Tape.* Designed to be used to transfer prepositioned copy.

Product Roll or Sheet	Size	Net Price
TPM-5	4" x 100 yds.	\$ 31.00
TPM-5	6" x 100 yds.	46.50
TPM-5	9" x 100 yds.	69.75
TPM-5	12" x 100 yds.	93.00
TPM-5	18" x 100 yds.	139.50
TPM-5	24" x 100 yds.	186.00
TPM-5	30" x 100 yds.	232.50
TPM-5	36" x 100 yds.	279.00
TPM-5	48" x 100 yds.	372.00

* For use with Series 1170 E.C. film. See page 28.

3M™ Application Tapes – Applied

SCPM-3 Application Tape

Product Roll or Sheet	Size	Net Price	A	B	C	D
All listed widths	\$/Sq. Ft.	\$.2229	\$.1859	\$.1796	\$.1762	\$.1691

3M™ Scotchcal™ Thinners and Solvents Series CGS

Prices in \$ per selling unit

Product	Selling Unit	Suggested Net Price	A less than \$7,000	B \$7,000 to \$15,000	C \$15,000 to \$30,000	D \$30,000+
CGS-10	gallon	\$ 62.50	\$ 46.72	\$ 45.13	\$ 43.66	\$ 42.48
CGS-30	gallon	44.45	33.23	32.09	31.05	30.21
CGS-50	gallon	50.18	37.51	36.24	35.06	34.10
CGS-80	gallon	63.97	47.82	46.20	44.69	43.48

3M™ Scotchcal™ Thinners and Solvents Series CGS --Usage Table

Thinner	Ink Series using CGS Solvents			
	1900	66001	7000 LS	7100
CGS-10			X	
CGS-30	X	X	X	
CGS-50	X	X	X	X
CGS-80		X	X	X

Product	Selling Unit	Net Price	A	B	C	D
3950	8 oz.dauber can	14.05	10.51	10.15	9.82	9.55

3M™ Scotchcal™ Screen Printing Ink Series 9700 UV

Product	Selling Unit	Suggested Net Price	A	B	C	D
Opaque Colors						
9703 White	Gallon	\$ 250.30	\$ 187.12	\$ 180.73	\$ 174.86	\$ 170.10
9704 High Hiding White 2	Gallon	305.01	228.02	220.24	213.10	207.29
9705 Black	Gallon	252.17	188.52	182.09	176.18	171.38
9712 Light Yellow 1	Gallon	321.61	240.42	232.22	224.68	218.57
9713 Red Shade Orange	Gallon	334.12	249.79	241.27	233.43	227.07
9715 Red	Gallon	431.34	322.46	311.47	301.36	293.15
9723 Yellow Shade Orange	Gallon	333.97	249.79	241.27	233.43	227.07
9732 Green Shade Yellow	Gallon	321.61	240.42	232.22	224.68	218.57
9733 Orange 1	Gallon	334.12	249.79	241.27	233.43	227.07
9771 Deep Red	Gallon	431.34	322.46	311.47	301.36	293.15
Overprint Clear						
9720 Gloss	Gallon	208.38	155.78	150.46	145.58	141.61
Transparent Colors						
9714 Dark Green	Gallon	371.50	277.72	268.25	259.54	252.47
9716 Green Shade Blue	Gallon	348.58	260.59	251.71	243.53	236.90
9724 Light Green	Gallon	371.50	277.72	268.25	259.54	252.47
9725 Scarlet Red	Gallon	374.56	280.01	270.47	261.68	254.55
9727 Blue-Violet	Gallon	336.01	251.19	242.63	236.25	228.35
9735 Real Red	Gallon	374.56	280.01	270.47	261.68	254.55
9737 Red Violet	Gallon	367.17	274.50	265.13	256.52	249.54
9752 Medium Yellow	Gallon	374.56	280.01	270.47	261.68	254.55
9753 Orange	Gallon	374.56	280.01	270.47	261.68	254.55
9757 Violet	Gallon	374.56	280.01	270.47	261.68	254.55
9767 Magenta	Gallon	374.56	280.01	270.47	261.68	254.55
9770 Red Shade Blue	Gallon	348.58	260.59	251.71	243.53	236.90
9772 Lemon Yellow	Gallon	374.56	280.01	270.47	261.68	254.55

¹ Contains lead

² Non-mixing, Focus Curable only

3M™ Screen Printing Ink Series 1900

Product	Selling Unit	Suggested Net Price	A	B	C	D
1902 Red Shade Yellow	Gallon	\$ 145.90	\$ 109.08	\$ 105.36	\$ 101.94	\$ 99.16
1903 White	Gallon	132.03	98.69	95.33	92.24	89.72
1905 Black	Gallon	122.70	91.73	88.60	85.73	83.39
1910 Toner	Gallon	191.72	143.32	138.44	133.94	130.30
1912 Green Shade Yellow	Gallon	131.74	98.48	95.12	92.03	89.53
1914 Dark Green	Gallon	258.30	193.09	186.51	180.46	175.54
1916 Green Shade Blue	Gallon	215.52	161.11	155.62	150.57	146.47
1918 Yellow Shade Blue	Gallon	301.90	225.69	218.00	210.92	205.18
1920DR Gloss Clear	Gallon	115.16	86.10	83.16	80.46	78.27
1924 Light Green	Gallon	259.45	193.96	187.35	181.26	176.33
1927 Blue Violet	Gallon	259.45	193.96	187.35	181.26	176.33
1932 Lemon Yellow	Gallon	327.47	244.81	236.46	228.78	222.55
1933 Orange	Gallon	301.90	225.69	218.00	210.92	205.18
1937 R. Violet	Gallon	275.62	206.05	199.03	192.56	187.32
1952 Trans RS Yellow	Gallon	258.30	193.09	186.51	180.46	175.54
1967 Magenta	Gallon	327.47	244.81	236.46	228.78	222.55
1970 RS Blue	Gallon	183.79	137.40	132.72	128.41	124.91
1971 Deep Red	Gallon	287.37	214.83	207.50	200.77	195.30
1972 Trans GS Yellow	Gallon	258.30	193.10	186.51	180.46	175.54
1990 Yellow Concentrate	Gallon	390.08	291.61	281.67	272.53	265.10
1991 Magenta Concentrate	Gallon	390.08	291.61	281.67	272.53	265.10
1995 Black Concentrate	Gallon	390.08	291.61	281.67	272.53	265.10
1996 Cyan Concentrate	Gallon	339.87	254.08	245.42	237.45	230.98
1997 Half Tone Base	Gallon	191.72	143.32	138.44	133.94	130.30
1998 Half Tone Retarder	Gallon	191.72	143.32	138.44	133.94	130.30
Edge Sealer						
4150S Edge Sealer	12 Carton	341.58	255.36	246.65	238.64	232.14

Contact us at:
1-800-553-1380
1-800-591-9293 - fax
www.3M.com/tss



Traffic Safety Systems Division

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July 5, 2006

State of Utah
Purchasing Department
State Office Building
Capitol Hill
Room 3150
Salt Lake City, UT 84114-1061
Attn: Mr. David Gill

Dear Mr. Gill:

We are submitting, per your request, the enclosed 2006 3M Traffic Safety Systems Division Price Catalog.

This Price Catalog will be the basis for your purchases. Selected 3M products indicated below will be discounted from the Net Price. For those products on pages 81 to 108 that have multiple price columns (Net Price & A to D), your price will be the Level D.

The 3M products that we are offering percentage discounts from our Price Catalog are as follows:

Product No.	Discount	Catalog Page No.
3983 FI Yellow Green	15%	1
3981 FI Yellow	15%	1
3990 Series VIP	18.9%	2
3924S FI Orange	25.3%	4
3930 Series HIP	50.5%	7
3200 Series EG	47%	12
CW80/84 EG	41.2%	13
CW44L/R & CW46L/R	41.2%	13
1170 Series ECF	46%	17
7725 Series Basic Colors(24" & 48")	21.65%	102
7725 Series Basic Colors	28.8%	102
7725 Series Std Colors (24" & 48")	32.4%	103
7725 Series Std Colors	38.7%	103

We have enclosed price sheets for the discounted products to minimize any rounding issues. Also, we have enclosed our 3M 4950 VHB Tape price sheet.

This Price Agreement will be effective three years from date of award with two- 1 year renewal options. All prices will be held firm for the initial contract year and will be

subject to annual increases not to exceed the Consumer Price Index (CPI-U). Any price adjustments will be held firm for one year.



3M hereby accepts the State of Utah Standard Terms and Conditions for State Cooperative Contracts. Additional contract terms are:

Payment Terms: Net 30 Days

Delivery: Within 18 working days ARO

All prices are F.O.B. Point of Shipment with transportation charges included

No minimum order requirements

Two (2) technical service UDOT visits annually at no charge

Process colors & slip sheeting at no charge per the enclosed 2006 MCS Order Form

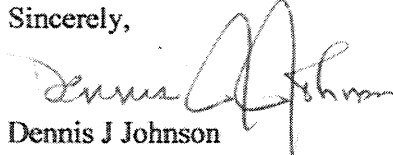
Quarterly purchase reports will be provided

3M Federal Tax Identification No: 41-041-7775

We would appreciate it if you would kindly acknowledge your acceptance of this Price Agreement by returning a signed copy of this letter to my attention.

We sincerely appreciate your continued support of our products. Please feel free to contact me at 651-575-5530 if you have any questions.

Sincerely,



Dennis J Johnson
Contract Specialist

Enclosures:

 **ACCEPTANCE:**

Signature:

Date:


DOUGLAS RICHINS
DIRECTOR OF
PURCHASING
STATE OF UTAH
7/5/06

Standard Contract Terms and Conditions State of Utah, State Cooperative Contract

1. AUTHORITY: Provisions of this contract are pursuant to the authority set forth in 63-56, Utah Code Annotated, 1953, as amended, Utah State Procurement Rules (Utah Administrative Code Section R33), and related statutes which permit the STATE to purchase certain specified services, and other approved purchases for the STATE.

2. CONTRACT JURISDICTION, CHOICE OF LAW, AND VENUE: The provisions of this contract shall be governed by the laws of the State of Utah. The parties will submit to the jurisdiction of the courts of the State of Utah for any dispute arising out of this Contract or the breach thereof. Venue shall be in Salt Lake City, in the Third Judicial District Court for Salt Lake Co.

3. LAWS AND REGULATIONS: The Contractor and any and all supplies, services, equipment, and construction proposed and furnished under this contract will comply fully with all applicable Federal and State laws and regulations.

4. RECORDS ADMINISTRATION: The Contractor will maintain, or supervise the maintenance of all records necessary to properly account for the payments made to the Contractor for costs authorized by this contract. These records will be retained by the Contractor for at least four years after the contract terminates, or until all audits initiated within the four years have been completed, whichever is later. The Contractor agrees to allow the State and Federal auditors, and State agency staff, access to all the records to this contract, for audit and inspection, and monitoring of services. Such access will be during normal business hours, or by appointment.

5. CONFLICT OF INTEREST: Contractor certifies that it has not offered or given any gift or compensation prohibited by the laws of the State of Utah to any officer or employee of the STATE or participating political subdivisions to secure favorable treatment with respect to being awarded this contract.

6. INDEPENDENT CONTRACTOR: Contractor will be an independent Contractor, and as such will have no authorization, express or implied to bind the STATE to any agreements, settlements, liability or understanding whatsoever, and agrees not to perform any acts as agent for the STATE, except as expressly set forth herein. Compensation stated herein will be the total amount payable to the Contractor by the STATE. The Contractor will be responsible for the payment of all income tax and social security tax due as a result of payments received from the STATE for these contract services. Persons employed by the STATE and acting under the direction of the STATE will not be deemed to be employees or agents of the Contractor.

7. INDEMNITY CLAUSE: The Contractor will release, protect, indemnify and hold the STATE and the respective political subdivisions and their officers, agencies, employees, harmless from and against any damage, cost or liability, including reasonable attorney's fees for any or all injuries to persons, property or claims for money damages arising from acts or omissions of the Contractor, his employees or subcontractors or volunteers.

8. EMPLOYMENT PRACTICES CLAUSE: The Contractor agrees to abide by the provisions of Title VI and VII of the Civil Rights Act of 1964 (42USC 2000e) which prohibits discrimination against any employee or applicant for employment or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age; and Section 504 of the Rehabilitation Act of 1973, or the Americans with Disabilities Act of 1990 which prohibits discrimination on the basis of disabilities. Also, the Contractor agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the work place.

9. SEVERABILITY: If any provision of this contract is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions will not be affected; and the rights and obligations of the parties will be construed and enforced as if the contract did not contain the particular provision held to be invalid.

10. RENEGOTIATION OR MODIFICATIONS: The terms of this contract will not be waived, altered, modified, supplemented or amended in any manner whatsoever without prior written approval of the State Director of Purchasing. Automatic renewals will not apply to this contract.

11. DEBARMENT: The Contractor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction (contract), by any governmental department or agency. If the Contractor cannot certify this statement, attach a written explanation for review by the STATE. The Contractor must notify the State Director of Purchasing within 30 days if debarred by any governmental entity during the Contract period.

12. TERMINATION: Unless otherwise stated in the Special Terms and Conditions, this contract may be terminated, with cause by either party, in advance of the specified termination date, upon written notice being given by the other party. The party in violation will be given ten (10) working days after notification to correct and cease the violations, after which the contract may be terminated for cause. This contract may be terminated without cause, in advance of the specified expiration date, by either party, upon 90 days prior written notice being given the other party. On termination of this contract, all

accounts and payments will be processed according to the financial arrangements set forth herein for approved services rendered to date of termination.

13. NONAPPROPRIATION OF FUNDS: The Contractor acknowledges that the State cannot contract for the payment of funds not yet appropriated by the Utah State Legislature. If funding to the State is reduced due to an order by the Legislature or the Governor, or is required by State law, or if federal funding (when applicable) is not provided, the State may terminate this contract or proportionately reduce the services and purchase obligations from the State upon 30 days written notice. In the case that funds are not appropriated or are reduced, the State will reimburse Contractor for products delivered or services performed through the date of cancellation or reduction, and the State will not be liable for any future commitments, penalties, or liquidated damages.

14. TAXES: Proposal prices will be exclusive of state sales, use and federal excise taxes. The State of Utah's sales and use tax exemption number is E33399. The tangible personal property or services being purchased are being paid from STATE funds and used in the exercise of that entity's essential functions. If the items being purchased are construction materials, they will be converted into real property by employees of this government entity, unless otherwise stated in the contract, or contract orders. The State of Utah's Federal excise exemption number is 87-780019K.

15. WARRANTY: The Contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The Contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah apply to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the Contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes in their advertisements, (3) the product will be suitable for the ordinary purposes for which such product is used, (4) the product will be suitable for any special purposes that the STATE has relied on the Contractor's skill or judgment to consider when it advised the STATE about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the STATE has not been warned. Remedies available to the STATE include the following: The Contractor will repair or replace (at no charge to the STATE) the product whose nonconformance is discovered and made known to the Contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the Contractor will refund the full amount of any payments that have been made. Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.

16. PARTICIPANTS: This is a contract to provide the State of Utah government departments, institutions, agencies and political subdivisions (i.e., colleges, school districts, counties, cities, etc.) with the goods and/or services described in the proposal.

17. POLITICAL SUBDIVISION PARTICIPATION: Participation under this contract by political subdivisions (i.e., colleges, school districts, counties, cities, etc.) will be voluntarily determined by the political subdivision. The Contractor agrees to supply the political subdivisions based upon the same terms, conditions and prices.

18. QUANTITY ESTIMATES: The STATE does not guarantee to purchase any amount under the contract to be awarded. Estimated quantities are for proposing purposes only and are not to be construed as a guarantee to purchase any amount.

19. DELIVERY: The prices proposed will be the delivered price to any state agency or political subdivision. Unless otherwise specified by the State, all deliveries will be F.O.B. destination with all transportation and handling charges paid by the Contractor. Responsibility and liability for loss or damage will remain with Contractor until final inspection and acceptance when responsibility will pass to the Buyer except as to latent defects, fraud, and Contractor's warranty obligations. The minimum shipment amount will be found in the special terms and conditions. Any order for less than the specified amount is to be shipped with the freight prepaid and added as a separate item on the invoice. Any portion of an order to be shipped without transportation charges that is back ordered will be shipped without transportation charges.

20. REPORTS: The Contractor will submit quarterly reports to the State Purchasing Agent showing the quantities and dollar volume of purchases by each agency and political subdivision.

21. PROMPT PAYMENT DISCOUNT: Offeror may quote a prompt payment discount based upon early payment; however, discounts offered for less than 30 days will not be considered in making the award. The prompt payment discount will apply to payments made with purchasing cards and checks. The date from which discount time is calculated will be the date a correct invoice is received or receipt of shipment, whichever is later; except that if testing is performed, the date will be the date of acceptance of the merchandise.

22. FIRM PRICES: Unless otherwise stated in the special terms and conditions, for the purpose of award, offers made in accordance with this solicitation must be good and firm for a period of ninety (90) days from the date of proposal opening.

23. PRICE GUARANTEE, ADJUSTMENTS: The contract pricing resulting from this proposal will be guaranteed for the

period specified. Following the guarantee period, any request for price adjustment must be for an equal guarantee period, and must be made at least 30 days prior to the effective date. Requests for price adjustment must include sufficient documentation supporting the request. Any adjustment or amendment to the contract will not be effective unless approved by the State Director of Purchasing. The STATE will be given the immediate benefit of any decrease in the market, or allowable discount.

24. ORDERING AND INVOICING: Orders will be placed by the using agencies directly with the Contractor. All orders will be shipped promptly in accordance with the delivery guarantee. The Contractor will then promptly submit invoices to the ordering agency. The STATE contract number and the agency ordering number will appear on all invoices, freight tickets, and correspondence relating to the contract order. The prices paid by the STATE will be those prices on file with the Division of Purchasing. The STATE has the right to adjust or return any invoice reflecting incorrect pricing.

25. PAYMENT: Payments are normally made within 30 days following the date the order is delivered or the date a correct invoice is received, whichever is later. After 45 days the Contractor may assess overdue account charges up to a maximum rate of one percent per month on the outstanding balance. Payments may be made via a State of Utah (or political subdivision) "Purchasing Card" (major credit card). All payments to the Contractor will be remitted by mail unless paid by Purchasing Card.

26. MODIFICATION OR WITHDRAWAL OF PROPOSALS: Proposals may be modified or withdrawn prior to the time set for the opening of proposals. After the time set for the opening of proposals, no proposals may be modified or withdrawn.

27. PROPOSAL PREPARATION COSTS: The STATE is not liable for any costs incurred by the offeror in proposal preparation.

28. INSPECTIONS: Goods furnished under this contract will be subject to inspection and test by the Buyer at times and places determined by the Buyer. If the Buyer finds goods furnished to be incomplete or not in compliance with proposal specifications, the Buyer may reject the goods and require Contractor to either correct them without charge or deliver them at a reduced price which is equitable under the circumstances. If Contractor is unable or refuses to correct such goods within a time deemed reasonable by the Buyer, the Buyer may cancel the order in whole or in part. Nothing in this paragraph will adversely affect the Buyer's rights including the rights and remedies associated with revocation of acceptance under the Uniform Commercial Code.

29. PATENTS, COPYRIGHTS, ETC.: The Contractor will release, indemnify and hold the Buyer, its officers, agents and employees harmless from liability of any kind or nature, including the Contractor's use of any copyrighted or un-copyrighted composition, secret process, patented or un-patented invention, article or appliance furnished or used in the performance of this contract.

30. ASSIGNMENT/SUBCONTRACT: Contractor will not assign, sell, transfer, subcontract or sublet rights, or delegate responsibilities under this contract, in whole or in part, without the prior written approval of the State Director of Purchasing.

31. DEFAULT AND REMEDIES: Any of the following events will constitute cause for the STATE to declare Contractor in default of the contract: 1. Nonperformance of contractual requirements; 2. A material breach of any term or condition of this contract. The STATE will issue a written notice of default providing a period in which Contractor will have an opportunity to cure. Time allowed for cure will not diminish or eliminate Contractor's liability for liquidated or other damages. If the default remains, after Contractor has been provided the opportunity to cure, the STATE may do one or more of the following: 1. Exercise any remedy provided by law; 2. Terminate this contract and any related contracts or portions thereof; 3. Impose liquidated damages, if liquidated damages are listed in the contract; 4. Suspend Contractor from receiving future proposal solicitations.

32. FORCE MAJEURE: Neither party to this contract will be held responsible for delay or default caused by fire, riot, acts of God and/or war which is beyond that party's reasonable control. The STATE may terminate this contract after determining such delay or default will reasonably prevent successful performance of the contract.

33. HAZARDOUS CHEMICAL INFORMATION: The Contractor will provide one set of the appropriate material safety data sheet(s) and container label(s) upon delivery of a hazardous material to the user agency. All safety data sheets and labels will be in accordance with each participating state's requirements.

34. NON-COLLUSION: By signing the proposal, the offeror certifies that the proposal submitted has been arrived at independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other vendor of materials, supplies, equipment or services described in the Solicitation, designed to limit independent proposing or competition.

35. PUBLIC INFORMATION: Except as identified in writing and expressly approved by the State Division of Purchasing, Contractor agrees that the contract and related Sales Orders and Invoices will be public documents, as far as distribution of copies, and Contractor gives the STATE express permission to make copies of the contract, the response to the solicitation, and related Sales Orders and Invoices in accordance with the State of Utah Government Records Access and Management Act. The permission to make copies as noted will take precedence over any statements of confidentiality, proprietary

information, or copyright information.

36. PROCUREMENT ETHICS: The Contractor understands that a person who is interested in any way in the sale of any supplies, services, construction, or insurance to the State of Utah is violating the law if the person gives or offers to give any compensation, gratuity, contribution, loan or reward, or any promise thereof to any person acting as a procurement officer on behalf of the State, or who in any official capacity participates in the procurement of such supplies, services, construction, or insurance, whether it is given for their own use or for the use or benefit of any other person or organization (63-56-1002, Utah Code Annotated, 1953, as amended).

37. ENERGY CONSERVATION AND RECYCLED PRODUCTS: The contractor is encouraged to offer Energy Star certified products or products that meet FEMP (Federal Energy Management Program) standards for energy consumption. The State of Utah also encourages contractors to offer products that are produced with recycled materials, where appropriate, unless otherwise requested in this solicitation.

38. CONFLICT OF TERMS: Contractor Terms and Conditions that apply must be in writing and attached to the contract. No other Terms and Conditions will apply to this contract including terms listed or referenced on a Contractor's website, terms listed in a Contractor quotation/sales order, etc. In the event of any conflict in the contract terms and conditions, the order of precedence shall be: 1. Attachment A: State of Utah Standard Contract Terms and Conditions; 2. State of Utah Contract Signature Page(s); 3. Additional State Terms and Conditions; 4. Contractor Terms and Conditions.

39. LOCAL WAREHOUSE AND DISTRIBUTION: The Contractor will maintain a reasonable amount of stock warehoused in the State of Utah for immediate or emergency shipments. Shipments are to be made in the quantities as required by the various ordering agencies. Orders for less than the minimum specified amount will have transportation charges prepaid by the Contractor and added as a separate item on the invoice. Any portion of an order to be shipped without transportation charges that is back ordered will be shipped without charge.

40. ENTIRE AGREEMENT: This Agreement, including all Attachments, and documents incorporated hereunder, and the related State Solicitation constitutes the entire agreement between the parties with respect to the subject matter, and supersedes any and all other prior and contemporaneous agreements and understandings between the parties, whether oral or written. The terms of this Agreement shall supersede any additional or conflicting terms or provisions that may be set forth or printed on the Contractor's work plans, cost estimate forms, receiving tickets, invoices, or any other related standard forms or documents of the Contractor that may subsequently be used to implement, record, or invoice services hereunder from time to time, even if such standard forms or documents have been signed or initialed by a representative of the State. The parties agree that the terms of this Agreement shall prevail in any dispute between the terms of this Agreement and the terms printed on any such standard forms or documents, and such standard forms or documents shall not be considered written amendments of this Agreement.

Revision date: 2 Feb 2006